

**Table 2. DEGs (scRNA-seq) for each cell type compared with other subset,
related to Figure 1 & Figure 2.**

gene	avg_log2FC	p_val_adj	celltypes
Rho	5.132473651	0	Rod
Gnat1	4.8898424	0	Rod
Pdc	4.656354571	0	Rod
Gngt1	4.627115828	0	Rod
Rp1	4.527233897	0	Rod
Cnga1	4.259175949	0	Rod
Sag	4.247385592	0	Rod
Rom1	4.244968818	0	Rod
Rcvrn	4.030009074	0	Rod
Guca1a	3.960718344	0	Rod
Slc24a1	3.918646214	0	Rod
Tulp1	3.825582797	0	Rod
Rtbdn	3.794631361	0	Rod
Pde6a	3.736526628	0	Rod
Pde6b	3.703682402	0	Rod
Cngb1	3.60205439	0	Rod
AA926063	3.487286376	0	Rod
Elov14	3.461218453	0	Rod
Guca1b	3.401998948	0	Rod
Hk2	3.367270045	0	Rod
Aipl1	3.31444823	0	Rod
Tma7	3.277091677	0	Rod
Gnb1	3.270532633	0	Rod
Reep6	3.196366761	0	Rod
Cplx4	3.166621731	0	Rod
Tlcd3b	3.112707761	0	Rod
Agpat3	3.107678406	0	Rod
RGD1597339	3.085466154	0	Rod
Pcmt2	3.070760138	0	Rod
Unc119	2.977451928	0	Rod
Nxn12	2.830150574	0	Rod
Rgs9	2.756995	0	Rod
RGD1560925	2.756339545	0	Rod
Clu1	2.747523486	0	Rod
Cabp4	2.722937415	0	Rod
Kcnb1	2.674811829	0	Rod

Neurod1	2.624743525	0	Rod
Cep290	2.487068324	0	Rod
Fabp5	2.46655454	0	Rod
Osbp2	2.465845218	0	Rod
Abca4	2.433143961	0	Rod
Cds1	2.412542541	0	Rod
Map1b	2.399535654	0	Rod
Smardc1	2.39923556	0	Rod
Cdhr1	2.386381876	0	Rod
Uckl1	2.371595635	0	Rod
Acsf6	2.365979092	0	Rod
Dmd	2.35403519	0	Rod
Rsrp1	2.336935511	0	Rod
Rdh11	2.333421926	0	Rod
Grk1	2.274908101	0	Rod
Herc3	2.225198754	0	Rod
Wdr17	2.200635276	0	Rod
Msi1	2.139467637	0	Rod
Pcare	2.139311073	0	Rod
Dyrk2	2.136506416	0	Rod
Mdm1	2.076385235	0	Rod
Ppof2	2.056853152	0	Rod
Pcbp4	2.03558549	0	Rod
Cep164	2.01573942	0	Rod
Adipor1	2.00722518	0	Rod
Ppp2r2b	1.993018281	0	Rod
AABR07033249.1	1.986142879	0	Rod
Map2	1.97445471	0	Rod
Pax4	1.974341927	0	Rod
Impg2	1.973220531	0	Rod
Slc17a7	1.967042747	0	Rod
Ccdc126	1.966571579	0	Rod
Fbxl5	1.955123341	0	Rod
Rims2	1.93723971	0	Rod
Slc31a2	1.934310542	0	Rod
Cers4	1.891302515	0	Rod
Fscn2	1.885455335	0	Rod
Hmgn2	1.881743126	0	Rod
Prom1	1.877309064	0	Rod
Anp32e	1.875955515	0	Rod
Crocc	1.873645627	0	Rod
Rdh12	1.872281687	0	Rod
Ybx3	1.870687048	0	Rod

C2cd2l	1.868881515	0	Rod
Fam161a	1.863775659	0	Rod
Rd3	1.85561467	0	Rod
Drd4	1.84641463	0	Rod
Lpcat1	1.836282215	0	Rod
Ldha	1.81375223	0	Rod
Tmem237	1.802245152	0	Rod
Arl6	1.795643208	0	Rod
Rrp1b	1.786884347	0	Rod
Optn	1.771794307	0	Rod
Gtf2f2	1.77021467	0	Rod
Raly	1.748463327	0	Rod
Hsbp1l1	1.729574534	0	Rod
Stxbp1	1.727730352	0	Rod
Lrit1	1.726485636	0	Rod
Nim1k	1.715623293	0	Rod
Kcnn2	1.682274995	0	Rod
Slc38a3	1.671541057	0	Rod
Mpp4	1.656981328	0	Rod
Ankrd33b	1.651592958	0	Rod
Hook1	1.638376394	0	Rod
Elovl2	1.632070622	0	Rod
Tsks	1.589908343	0	Rod
Impdh1	1.575728997	0	Rod
Kif1b	1.571539124	0	Rod
Susd3	1.568649347	0	Rod
Hspa4l	1.555132495	0	Rod
Ddx5	1.542482954	0	Rod
Bicd1l	1.512672958	0	Rod
Atf4	1.507586163	0	Rod
Ndufa4	1.489354447	0	Rod
Scg5	1.368936706	0	Rod
Syt1	1.357291485	0	Rod
Hmgn1	1.221144058	0	Rod
Clta	1.188610028	0	Rod
Atp1b2	1.125937874	0	Rod
Son	1.107073767	0	Rod
LOC108351137.1	0.986932461	0	Rod
Aldoa	0.955255725	0	Rod
Epb41l2	1.768545915	4.08E-297	Rod
Fyco1	1.80194986	2.00E-295	Rod
Lgalsl	1.618758489	1.14E-289	Rod
Tlcd5	1.47651936	1.49E-289	Rod

Plekhb1	1.445658737	1.68E-289	Rod
Hsp90aa1	1.434119612	3.81E-279	Rod
Arl3	1.610886807	1.17E-278	Rod
Tnrc6b	1.635506294	1.56E-278	Rod
Chd7	1.596855828	1.78E-277	Rod
Eno1	0.981134911	1.54E-265	Rod
Rtn4	0.697215107	9.21E-241	Rod
Anp32a.1	1.474226865	1.33E-239	Rod
Nlk	1.571887313	5.56E-234	Rod
Kdm5b	1.67316799	1.42E-233	Rod
Laptm4b	1.347660492	2.20E-231	Rod
Ptp4a3	1.488271967	4.09E-229	Rod
Zfp385a	1.345577847	1.25E-224	Rod
Rabgef1	1.51584486	5.95E-220	Rod
Ro60	1.520795655	8.49E-213	Rod
Atp5f1b	0.831424515	1.66E-212	Rod
Stard7	1.656851474	2.98E-211	Rod
Snrpd3	1.44040694	2.04E-210	Rod
Gpx4	0.822094359	2.66E-210	Rod
Nfyb	1.667056405	2.03E-205	Rod
Slc6a6	1.449603474	2.70E-205	Rod
Atp1a3	1.007750583	1.58E-197	Rod
Tdrd7	1.376769802	1.95E-191	Rod
Galnt7	1.567078243	4.42E-189	Rod
AC134224.3	0.435922136	5.99E-189	Rod
Tln2	1.391318241	3.41E-188	Rod
Hist3h2ba	0.837862517	7.27E-181	Rod
Hnrnpa2b1	1.03711971	4.04E-179	Rod
Mta2	1.556811932	1.30E-175	Rod
Tbcc	1.626780434	2.68E-172	Rod
AABR07044711.1	1.404241159	3.48E-172	Rod
Hmgb2	1.406569835	3.52E-159	Rod
Slc25a5	1.110548304	4.59E-156	Rod
Got1	1.120824922	2.19E-152	Rod
Tpd52	1.169203709	1.63E-150	Rod
Synj1	1.494721038	1.55E-144	Rod
Ankrd12	1.50768869	2.42E-144	Rod
Upf3b	1.447481455	6.77E-135	Rod
Tob2	1.438830766	5.57E-132	Rod
Cpe	1.068622001	6.62E-129	Rod
Strbp	1.237425005	7.90E-129	Rod
Srsf2	1.222166928	3.25E-128	Rod
Mapre3	1.267098039	5.82E-123	Rod

Bzw2	1.295836179	9.25E-123	Rod
Cited2	1.29297213	1.83E-122	Rod
Zfp365	1.114175813	3.03E-121	Rod
Hnrnpf	1.006623285	8.02E-113	Rod
Podxl	0.620282758	1.10E-111	Rod
Luc7l3	1.165716097	2.23E-110	Rod
LOC108351137	1.014987467	5.95E-107	Rod
Snrnp70	1.31831253	3.69E-106	Rod
Stx3	1.242914004	1.18E-104	Rod
Tusc3	1.327726846	2.77E-101	Rod
Xrn2	0.27548935	4.43E-97	Rod
Elavl1	0.273618419	2.65E-96	Rod
Rtf1	0.286316359	1.50E-93	Rod
Prnp	0.903897736	2.27E-92	Rod
Srsf6	1.440606364	3.07E-92	Rod
Lman1	0.28156263	3.14E-91	Rod
Jmjd1c	0.287752712	6.44E-91	Rod
Grina	0.999259425	3.99E-90	Rod
Ankrd11	0.289890194	1.62E-89	Rod
Itsn2	1.338139827	1.66E-89	Rod
Map7	0.880438667	2.51E-88	Rod
Eprs	0.270359397	2.79E-88	Rod
Dnajb2	1.278964176	6.81E-88	Rod
Sar1b	0.25958927	2.11E-85	Rod
Cebpz	0.311055626	2.22E-85	Rod
Tnrc6a	0.279463806	3.17E-85	Rod
Esf1	0.368768632	6.78E-84	Rod
Dpm1	0.271987522	2.94E-83	Rod
Kdm5a	0.305933583	2.69E-82	Rod
Dbndd2	1.155687751	3.94E-81	Rod
Smarca5	0.261616989	1.68E-79	Rod
Eif4a3	0.251334683	6.69E-78	Rod
Pcbp2	1.263907645	8.62E-77	Rod
Trip12	0.255686728	1.07E-76	Rod
Gspt1	0.281824738	6.60E-76	Rod
Mdh1	0.910246709	2.86E-74	Rod
Ctr9	0.250456398	3.19E-74	Rod
Ghitm	1.166209553	5.70E-74	Rod
Pum1	0.323546513	6.92E-74	Rod
Ppp1cc	1.117829091	1.43E-72	Rod
Ddx42	0.287840615	2.07E-72	Rod
Zfand5	0.29247169	3.35E-72	Rod
Riok3	0.262778986	1.18E-71	Rod

Aldoc	0.646537315	1.88E-71	Rod
Brd1	0.390718067	2.35E-71	Rod
Zfp148	0.287382688	6.13E-70	Rod
Hypk	0.301111211	8.62E-69	Rod
Cwfl19l2	0.327586139	2.13E-68	Rod
Guk1	1.029493395	3.28E-68	Rod
Prpf4b	1.061957345	4.60E-68	Rod
Tomm5	0.341768863	1.26E-67	Rod
Chd8	0.253195808	2.88E-67	Rod
Trappc4	0.27278966	3.77E-67	Rod
Akirin2	0.345302233	4.44E-67	Rod
Emc6	0.256210268	4.61E-67	Rod
Trappc5	0.300759342	4.68E-67	Rod
Syf2	0.268465927	9.91E-67	Rod
Sdha	0.277194968	1.33E-66	Rod
Pdcd11	0.302780176	1.57E-66	Rod
Ubn1	0.252471992	3.16E-66	Rod
Nsd3	0.372284565	3.62E-66	Rod
Mrpl18	0.312999647	7.90E-66	Rod
Hdgfl3	0.260563539	1.70E-65	Rod
Isca2	0.269690746	5.77E-65	Rod
Trim28	0.257794919	3.14E-64	Rod
Surf4	0.295359377	1.01E-63	Rod
Kif2a	1.240882884	3.54E-63	Rod
Ube3a	0.333057503	5.29E-63	Rod
Ndrgr1	1.088180595	5.60E-63	Rod
Polr2a	0.313013376	2.09E-62	Rod
Khdrbs1	0.282460784	2.53E-62	Rod
Actr10	0.298345976	4.73E-62	Rod
Anapc13	0.26010599	7.32E-62	Rod
Pnir	1.177291217	1.52E-61	Rod
Rere	0.290353009	2.21E-61	Rod
Uqcrfs1	0.250347365	8.43E-61	Rod
Mrpl15	0.373369204	2.22E-60	Rod
AABR07053749.2	0.338672556	3.30E-60	Rod
Acbd3	0.355382924	5.53E-60	Rod
Snrpd1	0.334276622	7.78E-60	Rod
Ss18l2	0.339497305	2.48E-58	Rod
Cir1	0.487732501	4.29E-58	Rod
Kmt2d	0.297848083	1.22E-57	Rod
Uqcrb.1	0.789700699	4.72E-57	Rod
Max	0.290681231	6.41E-57	Rod
Srsf7	0.302891935	7.46E-57	Rod

Crcp	1.150911418	2.39E-56	Rod
Ate1	0.42409002	4.76E-56	Rod
Tax1bp1	0.941190299	6.32E-56	Rod
Utp3	1.400167147	6.48E-56	Rod
Ndufa9	0.301263731	8.70E-56	Rod
Timm17a	0.374706913	2.26E-55	Rod
Pkn2	0.331275729	3.01E-55	Rod
Ahsa1	0.353307735	3.57E-55	Rod
Ddx39b	0.304851634	3.59E-55	Rod
Ube2v2	0.269179738	3.86E-55	Rod
Pacsin2	1.164954236	5.07E-55	Rod
Naa50	0.299793761	5.30E-55	Rod
Rtraf	0.25914141	6.83E-55	Rod
LOC100909712	0.31516545	6.89E-55	Rod
Cdc37l1	0.28169492	7.13E-55	Rod
Sf1	0.358794518	8.76E-55	Rod
Dnajc7	0.342997389	1.98E-54	Rod
Vmp1	0.301466569	2.49E-54	Rod
Cdc5l	0.390142254	4.58E-54	Rod
Ubxn6	0.27901664	1.53E-53	Rod
Nap1l4	0.380827552	2.73E-53	Rod
Cwc15	0.277863163	6.87E-53	Rod
Srsf11	0.372603525	7.02E-53	Rod
Ssr1	0.362667083	7.12E-53	Rod
Chrac1	0.318703766	8.10E-53	Rod
Secisbp2l	0.321327347	9.71E-53	Rod
Top1	0.382198218	4.43E-52	Rod
Polr3k	0.306705402	5.13E-52	Rod
Cct7	0.260834548	6.64E-52	Rod
Srsf1	1.209065117	8.95E-52	Rod
Fnta	0.31798895	1.34E-51	Rod
Sars1	0.348793351	1.65E-51	Rod
U2af1	0.324202111	1.78E-51	Rod
Csnk2a1	0.40093365	2.85E-51	Rod
Nmt1	0.39709707	3.08E-51	Rod
Emc7	1.141440163	3.60E-51	Rod
Pgrmc2	0.322903743	3.89E-51	Rod
Papola	0.357466423	4.21E-51	Rod
Chchd1	0.413908644	4.69E-51	Rod
Kidins220	0.361661202	8.85E-51	Rod
Slc22a17	0.965138706	9.01E-51	Rod
Mrpl54	0.264702673	9.67E-51	Rod
Eif1b	0.323752092	1.22E-50	Rod

Wdr55	0.36130524	1.62E-50	Rod
Dpm3	0.400348555	2.87E-50	Rod
Tubb5	0.753180704	7.21E-50	Rod
Psmb7	0.281398379	1.25E-49	Rod
Paxx	0.262971383	2.11E-49	Rod
Ddit3	0.269713376	4.24E-49	Rod
Mcrs1	0.288012823	1.95E-48	Rod
Eif4e	0.335949333	3.41E-48	Rod
Gsk3b	0.411046564	3.75E-48	Rod
Aff4	0.256783113	3.83E-48	Rod
Sirt2	0.280649153	5.82E-48	Rod
GlrX5	0.32496708	1.02E-47	Rod
Nol11	1.189101475	1.15E-47	Rod
Birc6	0.293802145	1.25E-47	Rod
Paip1	0.307265269	3.44E-47	Rod
Hif1a	1.069286261	4.26E-47	Rod
Zc3h15	0.445544947	4.37E-47	Rod
Bptf	0.431539624	5.82E-47	Rod
Prpf6	0.425977731	6.18E-47	Rod
Ufl1	0.382500962	7.58E-47	Rod
Med13l	1.286584483	2.31E-46	Rod
Slc25a33	1.110081161	3.93E-46	Rod
Macroh2a1	0.402508235	5.45E-46	Rod
Wtap	0.430957552	6.62E-46	Rod
Ndufb3	0.306913202	7.33E-46	Rod
Psma3l	0.339221478	9.86E-46	Rod
Arhgap5	1.1882328	1.17E-45	Rod
Akap17a	0.395452595	1.17E-45	Rod
Ppm1b	1.157086389	6.08E-45	Rod
Pde6d	1.1082081	6.90E-45	Rod
Ndufb6	0.258658813	7.59E-45	Rod
Bclaf1	0.36502812	1.37E-44	Rod
Wbp4	0.476629078	2.04E-44	Rod
Abcf1	0.459090296	2.13E-44	Rod
Scaf11	0.361782168	7.14E-44	Rod
Ccdc124	0.293996062	7.73E-44	Rod
Nop58	0.396773551	1.61E-43	Rod
Hp1bp3	0.387659691	4.05E-43	Rod
Ube2m	0.298329688	4.62E-43	Rod
Lpgat1	0.956806506	5.48E-43	Rod
H1f2	0.407689022	9.95E-43	Rod
Hnrnpul1	0.404511501	1.08E-42	Rod
Smc1a	0.482961	2.21E-42	Rod

Uqcc3	0.400670423	3.37E-42	Rod
Stag1	0.400478553	3.47E-42	Rod
Rad21	0.379462762	4.08E-42	Rod
Bod111	0.483273951	4.42E-42	Rod
Smardc2	0.425430707	4.51E-42	Rod
Dync1li2	0.354425306	7.97E-42	Rod
H3f3c	0.338188302	1.90E-41	Rod
Gpi	0.264570278	2.41E-41	Rod
Api5	0.434445012	3.07E-41	Rod
Psmc5	0.321741021	6.24E-41	Rod
Vamp2	0.849508426	1.49E-40	Rod
Dek	0.413827954	1.62E-40	Rod
Amd1	1.072422752	1.72E-40	Rod
Luc7l2	0.397626406	3.25E-40	Rod
Cisd2	0.291750264	4.73E-40	Rod
Tmem50a	0.387475528	5.39E-40	Rod
Dpy30	0.362631307	1.28E-39	Rod
LOC100911664	0.33956396	1.65E-39	Rod
Txndc9	0.441304192	2.31E-39	Rod
Ppig	0.476325452	3.14E-39	Rod
Baz2b	1.172938036	5.55E-39	Rod
Tmpo	0.360156944	1.39E-38	Rod
Dync1h1	0.341208472	1.54E-38	Rod
Naa20	0.417769229	2.05E-38	Rod
Hspa8	0.397773935	3.32E-38	Rod
Prmt1	0.264928677	9.07E-38	Rod
Cry2	1.178159294	1.75E-37	Rod
Cdk2ap2	0.377163619	2.30E-37	Rod
Prpf38b	0.539419121	2.33E-37	Rod
Cisd1	0.279244342	3.25E-37	Rod
Plekhj1	0.496715941	2.20E-36	Rod
Supt16h	0.40328896	2.96E-36	Rod
Rblcc1	0.478579385	3.48E-36	Rod
Klh19	0.42944024	8.14E-36	Rod
St3gal1	1.088880909	1.16E-35	Rod
Napg	0.355832597	1.33E-35	Rod
Mtdh	0.466896514	1.36E-35	Rod
Cct5	0.322984071	1.95E-35	Rod
Ppp4r3b	0.426464608	2.66E-35	Rod
Psmc11	0.413530971	3.57E-35	Rod
Thrap3	0.405301098	5.81E-35	Rod
Dhrsx	0.431731601	7.49E-35	Rod
LOC361985	1.078500236	1.01E-34	Rod

Oaz1	0.376009565	9.38E-34	Rod
Snrpb	0.430855803	2.27E-33	Rod
Ddx17	1.009103781	2.29E-33	Rod
Hprt1	1.07935978	4.46E-33	Rod
Eif1a	0.429502324	5.58E-33	Rod
Cops6	0.370736183	1.08E-32	Rod
Ppal	0.311859375	1.60E-32	Rod
Csnk1a1	0.378553489	1.95E-32	Rod
Mef2c	0.976125541	1.95E-32	Rod
Wdr61	0.390563571	2.78E-32	Rod
Lars1	0.417303501	3.54E-32	Rod
Pgp	0.42984121	3.67E-32	Rod
Safb	0.386596961	7.12E-32	Rod
Cacybp	0.409565712	1.09E-31	Rod
Clk1	0.528664252	1.27E-31	Rod
Plekha1	1.152252631	1.52E-31	Rod
RGD1562987	0.301383053	1.69E-31	Rod
Baz1b	0.373647243	2.99E-31	Rod
Cct4	0.380655048	3.81E-31	Rod
Nap111	0.838917953	4.10E-31	Rod
LOC100360828	0.363874897	6.51E-31	Rod
Chd2	0.430563667	6.68E-31	Rod
Tcp1	0.447060685	7.17E-31	Rod
AABR07053687.1	0.398640428	9.99E-31	Rod
Taf7	0.57634209	1.51E-30	Rod
RGD1311899	0.388780295	1.87E-30	Rod
Gon7	0.442867653	1.53E-29	Rod
Arl6ip1	0.380992762	1.66E-29	Rod
Snw1	0.441152677	2.00E-29	Rod
LOC108349594	1.16910586	2.55E-29	Rod
N4bp2l2	0.544940625	3.31E-29	Rod
Nol7	0.328965573	6.59E-29	Rod
Supt6h	0.546910294	2.64E-28	Rod
Fam104a	0.549988448	2.91E-28	Rod
Ptges3l1	0.392626345	3.29E-28	Rod
Srsf3	0.714769	3.84E-28	Rod
Wnk1	0.492306565	4.45E-28	Rod
Gls	0.981815979	7.34E-28	Rod
Ndufb2	0.257654378	1.16E-27	Rod
Clstn1	1.033758418	2.12E-27	Rod
Lsm14a	1.071077676	1.02E-26	Rod
Fmc1	0.418075137	1.18E-26	Rod
Trip11	0.52312051	1.79E-26	Rod

Srp19	0.502070587	1.91E-26	Rod
Aheyl1	1.144013008	2.02E-26	Rod
Spop	0.388032753	2.38E-26	Rod
Paip2	0.265063659	2.69E-26	Rod
Ola1	0.445703584	6.13E-26	Rod
Ankrd17	0.472184797	7.28E-26	Rod
Srsf4	0.522936472	7.77E-26	Rod
Herc1	0.401426805	8.73E-26	Rod
Phf3	0.525989896	1.07E-25	Rod
Ube2b	0.574567721	1.44E-25	Rod
Imp3	0.484962825	1.83E-25	Rod
AABR07039356.2	0.287363601	2.30E-25	Rod
Cdk11b	0.426529426	3.28E-25	Rod
Sfpq	0.458771102	6.84E-25	Rod
Snapin	0.4878303	8.23E-25	Rod
Eif2s3	0.421552132	1.08E-24	Rod
Rbm27	0.481836266	1.09E-24	Rod
Rbm5	0.578466921	1.87E-24	Rod
Cul3	0.494992199	1.35E-23	Rod
Ptges3	0.299825021	1.70E-23	Rod
Ctbp2	1.011681437	2.15E-23	Rod
Ddx24	0.583935604	2.27E-23	Rod
Ublcp1	0.432768991	3.20E-23	Rod
Ppp6r1	0.464563098	2.26E-22	Rod
Pnrc1	0.349412032	2.71E-22	Rod
Ncoa1	0.464709338	3.25E-22	Rod
Smc3	0.508365436	5.17E-22	Rod
Tcerg1	0.52328593	8.79E-22	Rod
Ncor1	1.011013246	1.34E-21	Rod
Zc3h13	1.106244601	2.42E-21	Rod
Ncl	0.715475554	4.53E-21	Rod
Polr2c	0.456168918	6.48E-21	Rod
Pfdn1	0.815211273	6.92E-21	Rod
Mdh2	0.455433322	7.57E-21	Rod
Atxn2l	0.52595557	2.49E-20	Rod
Rbbp4	0.48812323	3.53E-20	Rod
Cox8a	0.282111626	3.82E-20	Rod
Ddx3x	0.52006663	3.98E-20	Rod
Fus	0.44256831	8.32E-20	Rod
Polr2e	0.40636478	8.97E-20	Rod
Sbno1	0.452144864	9.76E-20	Rod
Pmm1	0.941543182	1.37E-19	Rod
Psma7	0.250315591	1.59E-19	Rod

Cct6a	0.924895437	1.70E-19	Rod
Dync1i2	0.524841014	1.80E-19	Rod
Polr2k	0.449235923	2.26E-19	Rod
Adnp	0.510648629	3.78E-19	Rod
Srrm2	0.595036693	3.99E-19	Rod
Ddx1	0.456181884	4.63E-19	Rod
Zfr	0.481126358	1.32E-18	Rod
Purb	0.727924584	2.07E-18	Rod
Atp5flc	0.253012233	2.55E-18	Rod
Rbbp6	0.599492804	3.25E-18	Rod
Dad1	0.681872105	5.00E-18	Rod
Fam3c	0.437148523	6.12E-18	Rod
Csde1	0.398970855	7.11E-18	Rod
Nbr1	0.435836524	9.46E-18	Rod
Ddrgk1	0.857341533	3.47E-17	Rod
Cox5a	0.331672266	3.82E-17	Rod
Taf1d	0.531932869	4.62E-17	Rod
Yeats4	0.435771432	5.70E-17	Rod
Dynl1l	0.434129898	9.95E-17	Rod
Atad1	0.537749797	1.75E-16	Rod
Strn3	0.619288245	1.77E-16	Rod
Kmt2e	0.510965487	2.44E-16	Rod
Nop10	0.482238273	2.51E-16	Rod
AC134224.1	0.469031074	4.64E-16	Rod
Uqcrc1	0.489278047	8.11E-16	Rod
Rbm39	0.500704069	1.08E-15	Rod
Nars1	0.564182035	1.21E-15	Rod
Rbm8a	0.464464147	1.79E-15	Rod
Zbed5	0.308661923	4.21E-15	Rod
Poldip3	0.526902165	5.07E-15	Rod
Tra2b	0.597659025	9.66E-15	Rod
Rab28	0.975375873	1.33E-14	Rod
Rnf5	0.9623663	2.15E-14	Rod
Ktn1	1.041729352	3.59E-14	Rod
Pnn	1.099522337	4.43E-14	Rod
Ndufs5	0.304761107	4.79E-14	Rod
Rsbn1	0.601704114	1.10E-13	Rod
Hagh	0.381976985	3.69E-13	Rod
Setd2	0.572479046	6.97E-13	Rod
Ybx1-ps3	0.371178805	9.49E-13	Rod
Tspan7	0.353079681	1.48E-12	Rod
Srsf5	0.660345176	1.62E-12	Rod
Ndufa12	0.864784083	2.15E-12	Rod

Atp5mg	0.455873763	3.63E-12	Rod
Rps19bp1	0.578027161	3.67E-12	Rod
Thoc2	0.579328638	6.13E-12	Rod
Hnrnpl	0.497611198	9.03E-12	Rod
Zcchc9	0.643613786	1.40E-11	Rod
Dctn1	0.90769673	3.76E-11	Rod
Hist1h2bq	0.76920098	5.25E-11	Rod
Mrpl57	0.563479892	5.27E-11	Rod
Uqcrh	0.533895445	5.93E-11	Rod
Rbx1	0.456784887	6.68E-11	Rod
Atp6v1b2	0.323462479	6.94E-11	Rod
Cct3	0.531463515	9.50E-11	Rod
Sdf2	0.601866369	1.07E-10	Rod
Pkig	0.468124935	1.60E-10	Rod
Sec62	0.582031817	1.98E-10	Rod
Gkap1	0.957353659	2.02E-10	Rod
Cetn2	0.91913635	3.25E-10	Rod
Gpbp1	0.991387495	3.39E-10	Rod
Rsbn11	1.02005225	3.46E-10	Rod
Chd6	0.620722717	3.68E-10	Rod
Sf3b1	0.503598955	1.05E-09	Rod
Sel11	1.035452577	1.09E-09	Rod
Pcm1	0.603453216	1.55E-09	Rod
Kras	0.654530826	5.44E-09	Rod
Ranbp2	0.587413794	1.42E-08	Rod
Hnrnpr	0.613882453	1.65E-08	Rod
Timm13	0.50636641	2.12E-08	Rod
Crebrf	0.5958792	2.60E-08	Rod
Mrps36	0.512845181	2.96E-08	Rod
Napa	0.600998888	3.46E-08	Rod
Mllt6	0.908176802	4.61E-08	Rod
Hnrnpa1	0.355868996	1.05E-07	Rod
Snrnp200	0.56418901	2.91E-07	Rod
U2surp	0.971209603	3.98E-07	Rod
Phf14	0.699338051	5.16E-07	Rod
Rsrc2	1.041836047	7.73E-07	Rod
Sltm	0.619306758	9.64E-07	Rod
Med31	0.638632725	9.85E-07	Rod
Mbnl2	0.548038121	1.09E-06	Rod
Hnrnph1	0.796117661	1.64E-06	Rod
Matr3	0.43881299	2.23E-06	Rod
Wapl	0.937235728	3.44E-06	Rod
Pik3ca	0.646242804	6.60E-06	Rod

Cdk12	0.652253811	9.79E-06	Rod
Lsm12	0.71404255	1.51E-05	Rod
Ppp3r1	0.637646059	2.19E-05	Rod
Hnrnpu	0.720910003	2.96E-05	Rod
Add3	0.505529755	3.14E-05	Rod
Snrnp27	0.925475925	3.44E-05	Rod
Nono	0.931787193	3.48E-05	Rod
R3hdm4	0.921184606	3.68E-05	Rod
Vezf1	0.652679121	5.00E-05	Rod
Pabpn1	0.822930187	5.22E-05	Rod
Nrde	0.589775238	5.39E-05	Rod
Zfp91	0.576564592	5.87E-05	Rod
Psmc6	0.596319602	6.22E-05	Rod
Dcaf11	0.569578003	8.86E-05	Rod
Hacd3	0.565082077	0.000103801	Rod
Atxn7l3b	0.550029319	0.000135111	Rod
Hadha	0.703171391	0.000164128	Rod
Eif4ebp3	0.665573789	0.000181944	Rod
Zfp638	0.610792695	0.000198017	Rod
Ssb	0.537946954	0.000218535	Rod
Hnrnpd	0.512260711	0.000233054	Rod
Kat6a	0.629669363	0.000535297	Rod
Ccdc47	0.660989194	0.000572775	Rod
Fubp1	0.610921879	0.000985778	Rod
Zranb2	0.651624849	0.001112469	Rod
Ddx46	0.658067789	0.001830233	Rod
Cox6a1	0.322857397	0.003410809	Rod
Nipbl	0.634167507	0.003788134	Rod
Zmynd8	0.924370789	0.004203715	Rod
Ywhae	0.4933789	0.006038575	Rod
Add1	0.957484978	0.006526404	Rod
Serbp1	0.551906597	0.007352609	Rod
Ube2h	0.645925498	0.031706343	Rod
Pgk1	0.472569427	0.041488372	Rod
Arglu1	0.771578011	0.043679138	Rod
Hnrnp3	0.641401598	0.047605835	Rod
Cox6c	0.316134675	0.124208757	Rod
Nme3	0.624110802	0.214218655	Rod
Stag2	0.681697015	0.217982721	Rod
Tob1	0.571869006	0.280841297	Rod
Akap9	0.914593287	0.412599147	Rod
Ccdc107	0.921091366	0.568124326	Rod
Tra2a	0.685340271	0.575210634	Rod

Ensa	0.837059239	0.595342013	Rod
Ppp4r2	0.912676109	0.695333851	Rod
Gabarapl1	0.79716354	0.746135781	Rod
Epm2aip1	0.874010645	0.837767486	Rod
Cpsf6	0.982229681	0.953137366	Rod
Cox7c	0.378908764	1	Rod
Ash1l	0.827277923	1	Rod
Kmt5b	0.932354371	1	Rod
Got2	0.633127293	1	Rod
Zfand6	0.711043889	1	Rod
Nsf	0.338780722	1	Rod
Gpatch8	0.981253093	1	Rod
Tpr	0.597879006	1	Rod
Rab5if	0.617983155	1	Rod
Klc1	0.506283711	1	Rod
Ppp2r5e	0.846680123	1	Rod
LOC108348111	0.714852564	1	Rod
Pgam1	0.440456155	1	Rod
Azin1	0.630994198	1	Rod
Srrm1	0.718640665	1	Rod
Ndufb9	0.473173664	1	Rod
Cct2	0.650245962	1	Rod
Brd9	0.979679402	1	Rod
Rab3a	0.389695645	1	Rod
Golga4	0.881275402	1	Rod
Hsd17b11	0.581273104	1	Rod
Ppip5k1	0.862996578	1	Rod
Sdc4	0.579652896	1	Rod
Ndufb11	0.485556171	1	Rod
Den	4.486565301	0	RPE
Mgp	4.465773627	0	RPE
Colla1	4.314545101	0	RPE
Igfbp5	4.011775782	0	RPE
Edn3	3.83634563	0	RPE
Inmt	3.726711927	0	RPE
Igfbp6	3.665210169	0	RPE
Lum	3.6160278	0	RPE
Col3a1	3.453165273	0	RPE
Gsn	3.40315566	0	RPE
Serpine2	3.343041105	0	RPE
Cxcl1	3.171985845	0	RPE
Mdk	3.033793574	0	RPE
Sdc2	3.024350128	0	RPE

Ccl11	3.013759522	0	RPE
Ogn	3.00421998	0	RPE
Ptn	3.003768335	0	RPE
Plac9	2.992144308	0	RPE
Sfrp1	2.955983967	0	RPE
Bgn	2.922688556	0	RPE
Gpc3	2.862859196	0	RPE
Serpinf1	2.810608463	0	RPE
Timp3	2.787431783	0	RPE
C1s	2.776183192	0	RPE
NEWGENE-1308171	2.709955222	0	RPE
Lgals1	2.692012095	0	RPE
Pcolce	2.646098493	0	RPE
Cdh11	2.601686035	0	RPE
Igfbp3	2.571060125	0	RPE
C1r	2.563405916	0	RPE
S100a6	2.551914469	0	RPE
Aoc3	2.462780442	0	RPE
Gstp1	2.450662827	0	RPE
Cpq	2.423535187	0	RPE
Ifitm3	2.401761257	0	RPE
Aebp1	2.392019134	0	RPE
C7	2.359584234	0	RPE
Igfbp4	2.341082884	0	RPE
Col6a2	2.32202798	0	RPE
Akap12	2.30516747	0	RPE
Hmcn1	2.286567751	0	RPE
Ctsk	2.281907972	0	RPE
Cd63	2.27168056	0	RPE
Serping1	2.261517663	0	RPE
Lrp1	2.259219277	0	RPE
Mmp2	2.250135929	0	RPE
Ppic	2.228718858	0	RPE
Prelp	2.168530329	0	RPE
Cebpd	2.16440257	0	RPE
S100b	2.16352877	0	RPE
Ccn2	2.159355626	0	RPE
C1qtnf5	2.129231214	0	RPE
Fosb	2.1131393	0	RPE
Rbp1	2.091895364	0	RPE
Ccl2	2.083620227	0	RPE
Jun	2.070394703	0	RPE
Ifitm1	2.025178251	0	RPE

Timp2	2.020293529	0	RPE
Sparcl1	2.01756884	0	RPE
Pgf	2.00633563	0	RPE
Ifi27l2b	1.942850683	0	RPE
Spp1	1.939689814	0	RPE
Col8a1	1.937379108	0	RPE
Gpnmmb	1.935668117	0	RPE
Ace2	1.929025332	0	RPE
Fstl1	1.906385309	0	RPE
Phlda1	1.891019616	0	RPE
Ifitm2	1.886306283	0	RPE
Ahnak	1.882774299	0	RPE
S1pr3	1.861034566	0	RPE
Loxl1	1.860999376	0	RPE
Nr2f2	1.856457424	0	RPE
Gpx3	1.847582073	0	RPE
Olfml3	1.846818593	0	RPE
Igfbp7	1.844788147	0	RPE
Serpinh1	1.842011709	0	RPE
Oaf	1.838408387	0	RPE
Il13ra2	1.798791868	0	RPE
Mxra8	1.788382461	0	RPE
Serpine1	1.767215274	0	RPE
Egr1	1.766612419	0	RPE
Col18a1	1.761243766	0	RPE
Tgm2	1.759815663	0	RPE
Anxa5	1.73282312	0	RPE
Cald1	1.726843653	0	RPE
Cped1	1.723349568	0	RPE
Crispld2	1.716782463	0	RPE
Itgbl1	1.716734453	0	RPE
Junb	1.709875592	0	RPE
Nid1	1.709784226	0	RPE
Islr	1.706624268	0	RPE
Emp3	1.70382974	0	RPE
Tgfbi	1.656299243	0	RPE
LOC100364435	1.653381078	0	RPE
Sparc	1.647207515	0	RPE
Cxcl12	1.63552313	0	RPE
Fos	1.628501405	0	RPE
Vkorc1	1.624670087	0	RPE
Fgl2	1.618293088	0	RPE
Anxa1	1.611962211	0	RPE

Pdgfrb	1.609318648	0	RPE
Lmna	1.608808038	0	RPE
Smoc1	1.607022807	0	RPE
Cd99	1.600022775	0	RPE
Scpep1	1.596734529	0	RPE
Lama2	1.588512598	0	RPE
Enpp1	1.575169991	0	RPE
Mfap2	1.567631175	0	RPE
Rarres2	1.555158312	0	RPE
Angpt1	1.552602312	0	RPE
Timp1	1.545447835	0	RPE
Bace2	1.542080224	0	RPE
Dpt	1.521680779	0	RPE
Tmem47	1.517477986	0	RPE
Cygb	1.500844761	0	RPE
Cldn1	1.492405859	0	RPE
Frmd6	1.49159935	0	RPE
Foxc1	1.490491806	0	RPE
Rarres1	1.484977968	0	RPE
Kazald1	1.475314465	0	RPE
Fbn1	1.472503209	0	RPE
Itm2c	1.472458897	0	RPE
Fn1	1.463316414	0	RPE
Gask1b	1.456213899	0	RPE
Rnd3	1.449676027	0	RPE
Cpxm1	1.44951415	0	RPE
Ltbp4	1.445605256	0	RPE
Laptn4a	1.445457515	0	RPE
Col6a1	1.445228581	0	RPE
Nnat	1.433197584	0	RPE
Tcf21	1.421265028	0	RPE
Mmp14	1.420143888	0	RPE
Pitx2	1.416394455	0	RPE
Ctsh	1.407257904	0	RPE
Cx3cl1	1.372581175	0	RPE
Gpx8	1.372537513	0	RPE
Ddah2	1.369826432	0	RPE
Adamts1	1.351594955	0	RPE
Fibin	1.344920903	0	RPE
App	1.344531206	0	RPE
Scara5	1.344043652	0	RPE
Foxp2	1.337646388	0	RPE
Ier3	1.337283042	0	RPE

Jund	1.334978639	0	RPE
Aox3	1.334712594	0	RPE
Ctsc	1.328994765	0	RPE
Fhl1	1.303833961	0	RPE
Zfp36	1.303123956	0	RPE
Nr2f1	1.293298614	0	RPE
Ftl1	1.290634767	0	RPE
Nenf	1.289501321	0	RPE
Cpm	1.273197739	0	RPE
C1qtnf2	1.272975381	0	RPE
Emp1	1.271900697	0	RPE
Ecr4	1.270228752	0	RPE
Sspn	1.267213238	0	RPE
Pmp22	1.265103353	0	RPE
Scarf2	1.259990912	0	RPE
Dpp7	1.259762051	0	RPE
Sult1a1	1.259099358	0	RPE
Bicc1	1.258275526	0	RPE
Nedd4	1.25501738	0	RPE
Pdgfra	1.254831159	0	RPE
Ppib	1.254462226	0	RPE
Mdfic	1.251871774	0	RPE
Atf3	1.242462918	0	RPE
Phlda3	1.241682993	0	RPE
Efemp2	1.234427087	0	RPE
Fth1	1.205467332	0	RPE
Il1lra1	1.203846411	0	RPE
Plaat3	1.200628982	0	RPE
Lamb1	1.197501998	0	RPE
Zfp361l	1.197477966	0	RPE
Pde5a	1.194051461	0	RPE
Tgfbr3	1.188772567	0	RPE
Ltbp3	1.188190713	0	RPE
Lpar1	1.180091678	0	RPE
Cd302	1.171108998	0	RPE
Errfi1	1.168047806	0	RPE
NEWGENE-621351.1	1.167480929	0	RPE
Txnip	1.167156698	0	RPE
Kitlg	1.157717927	0	RPE
Gdf10	1.152291921	0	RPE
Dclk1	1.150112076	0	RPE
Srpx	1.148499746	0	RPE
Lamp2	1.146311717	0	RPE

Gng10	1.141642429	0	RPE
Cebpb	1.134612675	0	RPE
Clmp	1.129920797	0	RPE
Vat1	1.125142333	0	RPE
Cstb	1.122318522	0	RPE
Wfdc1	1.121830601	0	RPE
Slfn5	1.121811397	0	RPE
Igsf10	1.110289674	0	RPE
Sod3	1.105967293	0	RPE
Nfia	1.104797228	0	RPE
Fkbp9	1.104210586	0	RPE
Cdc42ep3	1.102244812	0	RPE
S100a11	1.100550444	0	RPE
Dap	1.09888513	0	RPE
Rab38	1.094963019	0	RPE
Tmem98	1.093606898	0	RPE
Plk2	1.091507963	0	RPE
Ednra	1.091269285	0	RPE
Cnn3	1.086869948	0	RPE
Txndc5	1.086674227	0	RPE
Gpc1	1.084379515	0	RPE
Htra3	1.080648803	0	RPE
Snai1	1.080397615	0	RPE
Tsc22d1	1.077344959	0	RPE
Foxd1	1.068289984	0	RPE
Ddr2	1.066938601	0	RPE
Fxyd1	1.062180939	0	RPE
Etl4	1.059981514	0	RPE
Ppp1r14a	1.052501045	0	RPE
Alkal2	1.041885354	0	RPE
Igf1	1.040491464	0	RPE
Col4a1	1.040488701	0	RPE
F3	1.036231249	0	RPE
Crip1	1.02652222	0	RPE
Slco1c1	1.024170885	0	RPE
Vim	1.021845217	0	RPE
Kdelr3	1.018613802	0	RPE
Nfix	1.009373873	0	RPE
Csrp1	1.00843721	0	RPE
Fcgrt	1.008064838	0	RPE
Pik3r1	1.006980852	0	RPE
Cdkn1c	1.005435225	0	RPE
Plbd2	1.005054683	0	RPE

Emilin1	1.00127714	0	RPE
Rarb	1.00072274	0	RPE
Txn1	0.997704596	0	RPE
Id3	0.996130246	0	RPE
Smpd3	0.994849914	0	RPE
Rcn3	0.989847321	0	RPE
Calu	0.988388619	0	RPE
Npc2	0.985059839	0	RPE
Lbp	0.98399448	0	RPE
Paqr6	0.979853161	0	RPE
Peg3	0.974693875	0	RPE
Prdx4	0.970641774	0	RPE
Eva1b	0.963766212	0	RPE
Hsd11b1	0.96120063	0	RPE
Parva	0.948485708	0	RPE
Hexa	0.947544611	0	RPE
Ctdspl	0.941396497	0	RPE
Rplp1	0.940628281	0	RPE
Nme2	0.93845356	0	RPE
Rhob	0.934128544	0	RPE
Col12a1	0.93391658	0	RPE
P3h3	0.928425843	0	RPE
Pam	0.923226207	0	RPE
LOC100910996	0.921285566	0	RPE
Cp	0.921072013	0	RPE
Anxa2	0.920101735	0	RPE
Tspan11	0.91986334	0	RPE
Tent5a	0.917961636	0	RPE
Rab34	0.913300366	0	RPE
Copz2	0.912773781	0	RPE
Gng8	0.910802597	0	RPE
Colec12	0.910183448	0	RPE
Ddt	0.908247085	0	RPE
Twist1	0.902486281	0	RPE
Gadd45b	0.901867857	0	RPE
Tacc1	0.899055567	0	RPE
Ubc	0.893307092	0	RPE
Vcam1	0.89279271	0	RPE
Anxa6	0.892423709	0	RPE
Prrx2	0.886007818	0	RPE
Axl	0.883473902	0	RPE
Ctnna1	0.879412658	0	RPE
Fkbp7	0.878773804	0	RPE

LOC100911932	0.875335466	0	RPE
Gnas.1	0.875017953	0	RPE
Itm2b	0.874001376	0	RPE
Cxcl16	0.872012693	0	RPE
Zcchc24	0.869735958	0	RPE
Cnpy2	0.863065885	0	RPE
Clec11a	0.861278272	0	RPE
Myl12a	0.860677588	0	RPE
Vegfd	0.857982666	0	RPE
Kank2	0.856633599	0	RPE
Sqstm1	0.855754025	0	RPE
Sdcbp	0.854872359	0	RPE
Maged2	0.852942081	0	RPE
Tfap2b	0.852202314	0	RPE
AABR07049695.3	0.849156275	0	RPE
Igf2	0.846833602	0	RPE
Mylk	0.845845116	0	RPE
Gstt3	0.838057956	0	RPE
Nrp2	0.837028215	0	RPE
Mtch1	0.834089299	0	RPE
Bag3	0.830864115	0	RPE
Cd81	0.829351904	0	RPE
Nucb1	0.828747703	0	RPE
Sgce	0.828549349	0	RPE
Prdx1	0.826591578	0	RPE
Tspan6	0.826398874	0	RPE
Adamts2	0.821565699	0	RPE
Zbtb20	0.821136318	0	RPE
Olfml1	0.820425165	0	RPE
Rrbp1	0.818625363	0	RPE
Spats2l	0.816517212	0	RPE
Pir	0.816415215	0	RPE
Aldh2	0.815928619	0	RPE
RGD1563354	0.813919454	0	RPE
Ptch1	0.809062061	0	RPE
Sec61b	0.806920249	0	RPE
LOC691995	0.806909196	0	RPE
Slc2a13	0.804965496	0	RPE
LOC100910978.1	0.796382441	0	RPE
Col4a4	0.795474352	0	RPE
Pmepa1	0.795019504	0	RPE
Filip1l	0.793001171	0	RPE
Pawr	0.790029357	0	RPE

Rps4x.1	0.78966574	0	RPE
Rpl36a	0.785719816	0	RPE
Pcdh18	0.785558576	0	RPE
Actn1	0.785331831	0	RPE
Arf4	0.784464691	0	RPE
Pdia3	0.783902119	0	RPE
LOC100360087	0.782396708	0	RPE
Ndrp2	0.780953801	0	RPE
Myh10	0.779088315	0	RPE
Col16a1	0.77830867	0	RPE
Lamb2	0.778005611	0	RPE
Prrx1	0.773578531	0	RPE
Dbp	0.7733076	0	RPE
Ech1	0.76750197	0	RPE
Csfl	0.76708567	0	RPE
Rbms1	0.759212651	0	RPE
Vgll4	0.757419019	0	RPE
Ramp2	0.756760107	0	RPE
Heyl	0.754551585	0	RPE
Tmem254	0.753121254	0	RPE
Cmtm3	0.75010909	0	RPE
Lamp1	0.749955989	0	RPE
Cyth3	0.749650947	0	RPE
Agtr1a	0.746826075	0	RPE
LOC100910790	0.746469026	0	RPE
Cd164	0.746158424	0	RPE
Psmc1	0.74553131	0	RPE
Rhoc	0.744718562	0	RPE
Abrac1	0.742980814	0	RPE
LOC689574	0.740108981	0	RPE
Ier5l	0.737113251	0	RPE
Eef1d	0.73642152	0	RPE
Rps5	0.732740366	0	RPE
Ifi27	0.732262575	0	RPE
Basp1	0.731767889	0	RPE
Ldhd	0.725568959	0	RPE
Col5a2	0.718881578	0	RPE
Plpp3	0.718615512	0	RPE
Pkd2	0.715922087	0	RPE
Id4	0.714624036	0	RPE
Pros1	0.713974908	0	RPE
Ckap4	0.713362457	0	RPE
Sulf2	0.711147481	0	RPE

Nbl1	0.70549994	0	RPE
Lrp6	0.704422042	0	RPE
Lgals3bp	0.701572893	0	RPE
Itgb1	0.698772833	0	RPE
Septin2	0.698654916	0	RPE
Cavin1	0.697008619	0	RPE
Cdk14	0.696999892	0	RPE
Slc12a7	0.69398376	0	RPE
Marcks11	0.692292569	0	RPE
Cybrd1	0.690901608	0	RPE
Rps27l	0.690587362	0	RPE
Nr1d1	0.689831076	0	RPE
Rpl41	0.68974448	0	RPE
Pltp	0.687321063	0	RPE
Lhfp16	0.686693039	0	RPE
Cast	0.685965024	0	RPE
Sema6d	0.684624971	0	RPE
Crta11	0.684531104	0	RPE
Herpud1	0.6841059	0	RPE
Adamts14	0.684100493	0	RPE
Myadm	0.683622921	0	RPE
Pdgfd	0.683374268	0	RPE
Serpinb6a	0.681407186	0	RPE
Rnf144a	0.678351123	0	RPE
Pamr1	0.67821039	0	RPE
Col5a1	0.676859747	0	RPE
Reep5	0.674516528	0	RPE
Fkbp11	0.674272166	0	RPE
Wee1	0.672021135	0	RPE
Tceal9	0.669096201	0	RPE
Psap	0.668572889	0	RPE
Fkbp2	0.667543741	0	RPE
S100a10	0.66751086	0	RPE
Olfml2b	0.666706487	0	RPE
Rpl10	0.661897095	0	RPE
Akap13	0.659265847	0	RPE
Dag1	0.658650027	0	RPE
Cmklr1	0.657031115	0	RPE
Krtcap2	0.653176325	0	RPE
Cyb5a	0.65277814	0	RPE
P4hb	0.652126445	0	RPE
Arhgef25	0.650264231	0	RPE
Klf13	0.648158769	0	RPE

LOC108349548	0.647765222	0	RPE
Hic1	0.646536528	0	RPE
Bcl7c	0.646065511	0	RPE
Ltbr	0.645935969	0	RPE
Tmed3	0.642163684	0	RPE
Vcl	0.641388225	0	RPE
Spsb1	0.641225688	0	RPE
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Ppp1r14b	0.640949128	0	RPE
Gsta4	0.639869137	0	RPE
Gucyl1a1	0.638904832	0	RPE
LOC100360057	0.638081723	0	RPE
Ephx1	0.637316796	0	RPE
Svbp	0.637248988	0	RPE
Tnfsf12	0.635154714	0	RPE
Scd2	0.634984572	0	RPE
Nrp1	0.631379872	0	RPE
Tmem150a	0.630585502	0	RPE
Abi3bp	0.625930138	0	RPE
Morf4l2	0.624857325	0	RPE
Sema5a	0.623423571	0	RPE
B2m	0.62241264	0	RPE
Pdpn	0.621688066	0	RPE
Cnpy4	0.620654896	0	RPE
Socs2	0.619338779	0	RPE
Tceal8	0.618713054	0	RPE
Mrvi1	0.618442036	0	RPE
Mettl7a	0.617003628	0	RPE
Gnb2	0.616321563	0	RPE
Rps12	0.613720824	0	RPE
Slc39a1	0.613054024	0	RPE
Uap1l1	0.612371083	0	RPE
Tns3	0.608423633	0	RPE
Gpx7	0.608006225	0	RPE
Lrig3	0.60685264	0	RPE
Ebfl	0.603889837	0	RPE
Ube2e2	0.602439918	0	RPE
Reck	0.601973415	0	RPE
Tax1bp3	0.600373158	0	RPE
Arsb	0.597350486	0	RPE
Lima1	0.595479166	0	RPE
Selenof	0.595368652	0	RPE
Ak3	0.594666052	0	RPE

Selenos	0.594580384	0	RPE
Tmem256	0.591790706	0	RPE
Magt1	0.591322194	0	RPE
Rpl37a	0.5903711	0	RPE
Arhgdib	0.587009821	0	RPE
Sulf1	0.580674659	0	RPE
Eci3	0.578820366	0	RPE
Gstm7	0.578540094	0	RPE
Pdlim2	0.578014381	0	RPE
Fzd1	0.577800528	0	RPE
2-Mar	0.577129045	0	RPE
Rps23	0.573937503	0	RPE
Rhoq	0.571902677	0	RPE
Tpm4	0.571805249	0	RPE
Slc39a7	0.570662703	0	RPE
Ano6	0.570572313	0	RPE
Aga	0.567696031	0	RPE
Mpz11	0.565876689	0	RPE
Sdf4	0.565750828	0	RPE
Pls3	0.565684344	0	RPE
Arhgdia	0.56528621	0	RPE
Rcn2	0.565280617	0	RPE
Reep3	0.564999953	0	RPE
Rps27	0.564626778	0	RPE
Chpf	0.562918786	0	RPE
Fzd2	0.559914132	0	RPE
Pkdec	0.559361681	0	RPE
Lamc1	0.558512542	0	RPE
Atp6v0e1	0.557530541	0	RPE
Ccdc80	0.556782865	0	RPE
Oat	0.553228238	0	RPE
Tbc1d2b	0.551170806	0	RPE
Kdelr1	0.547885773	0	RPE
Hgf	0.546815393	0	RPE
Myl9	0.544134059	0	RPE
Fkbp10	0.543930008	0	RPE
Por	0.543859611	0	RPE
RGD1309362	0.537118902	0	RPE
S100a16	0.535105164	0	RPE
Atp2b4	0.531682331	0	RPE
Cavin3	0.530872791	0	RPE
Slc41a1	0.529369586	0	RPE
Dact3	0.529028121	0	RPE

Abcc9	0.528978873	0	RPE
Sec61a1	0.52846892	0	RPE
Idh2	0.525177455	0	RPE
Rab31	0.522816135	0	RPE
Ctsl	0.522052808	0	RPE
Exoc2	0.52203435	0	RPE
Gsta1	0.521163216	0	RPE
Flna	0.520643605	0	RPE
Phldb1	0.51901113	0	RPE
Rbfox2	0.515704278	0	RPE
Gmds	0.514860649	0	RPE
Psmb9	0.514786264	0	RPE
Plekha4	0.514767363	0	RPE
Myo1d	0.510738348	0	RPE
Furin	0.509241309	0	RPE
Ptgfrn	0.504901682	0	RPE
Fam114a1	0.504458693	0	RPE
Tcf7l2	0.499764601	0	RPE
F2r	0.497466696	0	RPE
Ext2	0.494884426	0	RPE
Plscr4	0.494820235	0	RPE
Gaa	0.494781779	0	RPE
Tpm2	0.491868384	0	RPE
Csad	0.49017225	0	RPE
AC108574.1	0.485266303	0	RPE
Ctsf	0.484982168	0	RPE
Cyb5r3	0.482760728	0	RPE
AC094643.2	0.480752775	0	RPE
Fermt2	0.477803988	0	RPE
Ggex	0.472093159	0	RPE
Akr1c14	0.46541099	0	RPE
Eci1	0.465264261	0	RPE
Poglut3	0.464853955	0	RPE
Acvr1	0.460653487	0	RPE
LOC100909750	0.460375455	0	RPE
Tpt1	0.453189765	0	RPE
Aph1b	0.452957277	0	RPE
Gulp1	0.451894292	0	RPE
Actb	0.45135465	0	RPE
Stt3a	0.447809918	0	RPE
Rhoj	0.445748362	0	RPE
Nit1	0.445627295	0	RPE
Selenom	0.430125386	0	RPE

Grn	0.42344196	0	RPE
Clic1	0.421156718	0	RPE
Prtfdc1	0.419028254	0	RPE
Arhgef40	0.41833039	0	RPE
Tuba1c	0.416863696	0	RPE
Lix1l	0.410560636	0	RPE
Zfhx4	0.405009782	0	RPE
Clec2g	0.396841223	0	RPE
Add31	0.38895213	0	RPE
Jam3	0.388498918	0	RPE
Siva1	0.382296554	0	RPE
Dmpk	0.349521696	0	RPE
Tmsb4x	0.326863435	0	RPE
Tpm1	0.325197886	0	RPE
Atp1a2	0.307338748	0	RPE
Cyba	0.276352953	0	RPE
Glul	0.256938702	0	RPE
Pdia4	0.382493655	9.21E-304	RPE
Tcf4	0.465381915	2.19E-303	RPE
Smim14	0.516770312	4.42E-303	RPE
Plekha5	0.409331833	9.78E-303	RPE
Acadl	0.542164617	2.45E-302	RPE
Ctsb	0.287584263	1.22E-301	RPE
Iscu	0.491170464	4.47E-301	RPE
Fat1	0.418963178	3.65E-299	RPE
Slit2	0.482041324	1.07E-298	RPE
Gsto1	0.588957633	1.71E-298	RPE
Aprt	0.45281327	1.06E-296	RPE
Ikbip	0.37202663	2.38E-294	RPE
Rftn1	0.50431557	7.66E-293	RPE
Notch2	0.434414516	1.79E-292	RPE
Mesd	0.449785185	3.04E-291	RPE
Gstm1	0.459762132	5.15E-291	RPE
Pttglip	0.361657299	6.80E-291	RPE
Atp1b3	1.249023991	6.48E-289	RPE
Maged1	0.471537105	2.63E-288	RPE
Ifit2	0.552599254	4.13E-288	RPE
Casc4	0.420308143	4.49E-287	RPE
Cgnl1	0.604360122	2.09E-286	RPE
Zfp503	0.41321996	4.99E-286	RPE
Sigmar1	0.403672218	4.65E-285	RPE
Ssr2	0.463062469	1.33E-282	RPE
Emc10	0.437920476	2.11E-282	RPE

Tfpi	0.292123596	2.93E-282	RPE
Sec11a	0.399043174	6.80E-282	RPE
Rexo2	0.534255434	1.20E-281	RPE
Etv1	0.521877944	9.82E-281	RPE
Hsd17b10	0.483340039	2.02E-280	RPE
Cd48	0.306780872	3.23E-280	RPE
Tp53i13	0.369208303	4.58E-279	RPE
Nfe2l2	0.434586163	1.22E-278	RPE
Usp53	0.393266782	2.74E-278	RPE
Plxnb2	0.442050225	3.74E-278	RPE
Zfp36l2	0.760101952	8.30E-277	RPE
Ehd2	0.337408902	1.42E-276	RPE
Cers2	0.401289018	4.43E-276	RPE
Stat6	0.463727186	1.42E-275	RPE
Mylip	0.475367184	1.67E-274	RPE
Mt2A	0.738584779	9.24E-274	RPE
Klf9	0.738631152	3.74E-273	RPE
Gabarap	0.593721358	4.06E-273	RPE
Marcks	0.466601504	5.58E-273	RPE
Rbbp7	0.437655034	1.28E-272	RPE
Sat2	0.429715629	1.76E-272	RPE
Map1lc3a	0.573732694	5.77E-272	RPE
Pkd1	0.352661206	9.68E-269	RPE
Ttc28	0.384042359	3.65E-268	RPE
Spry1	0.5005367	2.66E-267	RPE
Pdia6	0.544602666	7.88E-267	RPE
Ssr4	0.472754757	9.55E-267	RPE
Irf1	0.720059831	8.62E-266	RPE
Sfr1	0.404380614	2.83E-263	RPE
Abca1	0.489935972	5.06E-262	RPE
Sptbn1	0.547458373	1.44E-260	RPE
Col4a5	0.395109514	1.55E-259	RPE
Shisa5	0.355872317	3.25E-259	RPE
Rhoa	0.456365408	4.64E-259	RPE
Capn2	0.560079986	4.76E-259	RPE
Marchf2	0.499190763	2.21E-257	RPE
Micos13	0.545691129	6.97E-257	RPE
Fxyd5	0.282205116	2.64E-256	RPE
Sh3bgrl3	0.285236618	6.23E-256	RPE
Slco1a4	0.287433235	7.60E-256	RPE
Gas6	0.459530055	1.73E-255	RPE
Il6st	0.388020122	2.04E-255	RPE
Shc1	0.434864868	3.72E-255	RPE

Tril	0.341309602	2.41E-254	RPE
Ddost	0.366722538	2.53E-254	RPE
Anxa7	0.431109943	7.05E-254	RPE
Lman2	0.376505341	1.05E-253	RPE
Ergic3	0.391036259	1.71E-253	RPE
Pdcd6	0.404583145	3.06E-253	RPE
Rpl11	0.488076447	7.61E-253	RPE
Etfb	0.509097114	1.20E-251	RPE
Pigt	0.325403827	1.77E-250	RPE
Tspan31	0.324930068	1.58E-249	RPE
Tubb2a	0.485822941	2.31E-249	RPE
Ctdsp1	0.307657579	6.68E-249	RPE
Cyp20a1	0.325959283	1.62E-247	RPE
Selenoh	0.437905651	1.90E-247	RPE
Eln	0.545637476	4.93E-247	RPE
Bri3	0.535733985	2.55E-246	RPE
Cdc42ep4	0.439804016	3.07E-246	RPE
Mprrip	0.399363454	4.13E-246	RPE
Ptms	0.473735121	8.45E-246	RPE
Tln1	0.341303418	9.70E-246	RPE
Ext1	0.288314455	1.80E-245	RPE
C1galt1	0.398057812	3.79E-245	RPE
Pld3	0.309778742	2.78E-244	RPE
Hexim1	0.427513211	6.30E-244	RPE
Tm9sf2	0.372180538	5.80E-242	RPE
Rps28	0.485019127	2.10E-241	RPE
Camk1	0.454336431	4.67E-241	RPE
Retsat	0.306570076	6.01E-241	RPE
Pofut2	0.26444532	2.30E-239	RPE
Septin4	0.901672952	4.25E-239	RPE
Lrp10	0.399955787	1.10E-238	RPE
Suc1g2	0.463090903	1.64E-236	RPE
Aldh7a1	0.412127601	1.77E-236	RPE
Rxylt1	0.305210181	2.27E-236	RPE
Rplp0	0.389526633	5.52E-235	RPE
Glg1	0.405013699	7.75E-235	RPE
Arap1	0.3691038	1.59E-234	RPE
Kdelr2	0.28208215	1.75E-234	RPE
Pxdc1	0.381047483	5.09E-233	RPE
Thra	0.352854325	6.98E-233	RPE
Twsg1	0.31330157	9.02E-233	RPE
Golim4	0.38281264	6.14E-232	RPE
Ctsa	0.41113921	1.89E-231	RPE

Ddx41	0.324315836	2.91E-231	RPE
Mvb12a	0.365497614	7.88E-230	RPE
Rpl28	0.474131675	1.41E-229	RPE
Sec31a	0.35153799	1.45E-229	RPE
Rps9	0.454404406	5.45E-229	RPE
Psme2	0.379862961	6.40E-228	RPE
Arl2	0.375951785	1.94E-226	RPE
Ppp1r15a	0.430487552	2.40E-222	RPE
Camk2n1	0.318734213	3.56E-222	RPE
Tp53	0.330278662	3.95E-222	RPE
Pecr	0.35563703	4.66E-222	RPE
Tmed9	0.411674632	8.24E-222	RPE
Txndc17	0.314298044	4.18E-221	RPE
Srpra	0.324376924	1.71E-220	RPE
Plec	0.332131935	6.72E-220	RPE
Igf2r	0.320588075	3.69E-219	RPE
Sdc41	0.306643142	1.18E-218	RPE
Rpl36	0.457778716	8.64E-217	RPE
RT1-S3	0.321695583	3.40E-216	RPE
Tmem134	0.348072668	7.31E-216	RPE
Septin11	0.34623177	2.99E-213	RPE
Spg21	0.593350778	4.00E-212	RPE
LOC100360841	0.548594541	2.43E-211	RPE
Gns.1	0.371560025	2.71E-211	RPE
AABR07002683.1	0.326851135	1.70E-210	RPE
Washc3	0.343475725	2.99E-210	RPE
Rpn2	0.362491488	4.26E-208	RPE
Cbx5	0.302836596	7.42E-207	RPE
Btg2	0.830244542	8.64E-206	RPE
Fndc3a	0.288331842	7.96E-205	RPE
Actn4	0.287217761	1.03E-204	RPE
Hsd17b4	0.310983075	1.83E-204	RPE
Zfand3	0.378466077	2.85E-204	RPE
Bckdk	0.300573326	3.37E-204	RPE
Hspa5	0.570205546	3.61E-204	RPE
Sdc3	0.274575525	4.50E-204	RPE
Sash1	0.342888174	1.56E-202	RPE
Bloc1s1	0.452176122	2.41E-202	RPE
Rps2	0.406675442	3.87E-202	RPE
Tmed2	0.354526962	8.74E-202	RPE
Erp44	0.319628371	9.41E-202	RPE
Mt1	0.993279941	5.11E-201	RPE
Rbm3	0.309057168	5.17E-200	RPE

Hdlbp	0.382574735	1.58E-199	RPE
Rpp21	0.324752349	1.66E-199	RPE
Manf	0.3352662	9.06E-199	RPE
Zeb2	0.288842857	2.99E-198	RPE
Ncbp2	0.33310202	5.58E-196	RPE
Rab7a	0.395157384	2.09E-195	RPE
Prdx6	0.370467949	5.88E-195	RPE
Tex264	0.332390278	1.13E-192	RPE
Atox1	0.332035645	1.68E-191	RPE
Rpl27a	0.374699445	1.56E-190	RPE
Arpc5	0.274461611	1.26E-189	RPE
Septin8	0.308609018	9.29E-189	RPE
Erbin	0.323177063	1.15E-188	RPE
Cd47	0.335005766	1.17E-188	RPE
Nr1d2	0.30283463	2.65E-188	RPE
Myl6	0.403055605	3.60E-188	RPE
Rps20	0.420818327	5.56E-188	RPE
Ostc	0.299899125	1.89E-187	RPE
Mrpl23	0.342583432	2.43E-187	RPE
Rarg	0.269856051	1.13E-186	RPE
Glmp	0.258606218	1.09E-185	RPE
Mapk3	0.304118538	1.88E-185	RPE
Dusp14	0.337733026	1.36E-184	RPE
Dnajc15	0.306690509	4.55E-184	RPE
Pbxip1	0.32067622	1.91E-183	RPE
Rps18	0.304856804	4.04E-183	RPE
Uqcr11	0.466534951	7.30E-183	RPE
Rpl37	0.445410699	3.15E-182	RPE
Ccdc50	0.329344186	7.72E-182	RPE
Impad1.1	0.263679536	8.71E-182	RPE
Flot2	0.313740739	1.91E-181	RPE
Tram1	0.352590434	1.09E-180	RPE
Sp110	0.312991036	3.42E-180	RPE
Calr	0.455667642	3.69E-180	RPE
Acot9	0.304137581	3.23E-179	RPE
Ccn1	0.911413732	3.67E-179	RPE
Dnajc3	0.271807725	8.82E-179	RPE
Syap1	0.323013142	5.38E-178	RPE
Pgls	0.317612214	5.94E-178	RPE
Bex3	0.288525307	2.07E-177	RPE
Rpl32	0.420584801	3.29E-176	RPE
Fuca1	0.331797101	9.67E-175	RPE
Erlec1	0.307836281	1.42E-173	RPE

Rps16	0.38874585	1.13E-171	RPE
Tsc22d3	0.305637969	1.19E-171	RPE
Chp1	0.282465595	1.52E-171	RPE
Snd1	0.264245936	1.04E-170	RPE
Galnt2	0.265118117	3.03E-170	RPE
Snx17	0.309578924	3.31E-170	RPE
Mrps23	0.267716638	1.04E-169	RPE
Rps8	0.370254951	1.97E-169	RPE
Morf4l1	0.326019571	3.41E-169	RPE
Arhgap29	0.266210318	8.64E-169	RPE
Chmp2b	0.348182895	1.25E-167	RPE
RT1-M3-1	0.318064117	1.28E-167	RPE
Map4k4	0.327623774	1.41E-167	RPE
Rab5b	0.449607145	1.69E-167	RPE
Eef1a1	0.314940299	5.60E-165	RPE
Tm7sf3	0.291044882	1.16E-161	RPE
Usp25	0.286271439	4.04E-161	RPE
Eid1	0.390584248	1.36E-160	RPE
Cd82	0.311548679	5.10E-160	RPE
Serp1	0.268625717	7.09E-160	RPE
Ncor2	0.305873164	6.96E-157	RPE
Mt-nd3	0.453968375	1.76E-156	RPE
Sri	0.286218367	3.19E-156	RPE
Clptm11	0.265356178	4.82E-156	RPE
Mt-nd1	0.38094285	2.41E-155	RPE
Tef	0.290171421	2.75E-155	RPE
Acat1	0.309899584	4.56E-154	RPE
Pold4	0.333374275	1.16E-153	RPE
Cdk2ap1	0.258921836	3.36E-153	RPE
Rpl13	0.308147554	8.17E-151	RPE
Mrpl52	0.279519631	9.12E-151	RPE
Asmtl	0.259078308	1.63E-150	RPE
Ctsd	0.27220898	4.07E-150	RPE
Pdcd4	0.267754819	1.68E-149	RPE
Acyp1	0.286406245	2.30E-147	RPE
Anxa11	0.31208588	2.33E-147	RPE
Ca11	0.305362276	5.44E-147	RPE
Rpl29	0.359884125	6.64E-147	RPE
Dock7	0.253585639	7.45E-146	RPE
AC141489.1	0.279060842	1.85E-145	RPE
Gem	0.504336434	2.96E-145	RPE
Mt-nd4	0.330715366	8.00E-145	RPE
Bhlhe40	0.294215862	5.17E-144	RPE

Txn14a	0.260861737	1.15E-142	RPE
LOC103693375	0.303412752	1.41E-142	RPE
LOC108352650	0.356246559	2.21E-141	RPE
Nfkbia	0.251316884	5.47E-141	RPE
Bola2	0.316940321	7.49E-141	RPE
Ndufa11	0.256455449	6.64E-140	RPE
LOC100910944	0.29971911	2.12E-139	RPE
Rpl12	0.361327804	5.47E-139	RPE
Fundc1	0.255765617	1.75E-137	RPE
Ugcg	1.005679213	3.43E-137	RPE
Tle3	0.296151026	1.21E-135	RPE
Sec61g	0.312465231	6.09E-132	RPE
Aldh9a1	0.280905147	6.18E-132	RPE
Rdx	0.314693512	3.01E-131	RPE
Rpsa	0.33271242	9.94E-130	RPE
Pcmd1	0.257245791	6.20E-127	RPE
Gadd45g	0.518995931	6.62E-127	RPE
Rpl14	0.331085835	1.63E-124	RPE
Ugp2	0.410617673	1.43E-122	RPE
Tmem59	0.267811737	3.71E-122	RPE
Rpl35	0.269853461	8.67E-122	RPE
Ptp4a2	0.251756154	4.92E-120	RPE
Rpl19	0.304818274	2.83E-119	RPE
Wbp11	0.272757604	9.28E-119	RPE
Mt-nd4l	0.27662041	1.01E-117	RPE
Mpc1	0.297346469	1.99E-117	RPE
Rpl6	0.307635214	2.46E-117	RPE
Hspa1b	0.70668499	4.60E-117	RPE
Rps27a.1	0.305791424	1.26E-116	RPE
Rpl18	0.277628642	9.10E-115	RPE
LOC100361457	0.269239203	3.96E-114	RPE
Rps10	0.307452865	4.22E-114	RPE
Rps13	0.296725966	6.00E-113	RPE
Mat2a	0.282257637	2.36E-109	RPE
Rpl34	0.317680808	1.68E-105	RPE
Erp29	0.306894954	3.61E-103	RPE
Ier5	0.33221309	7.18E-102	RPE
Rps3a	0.281893522	5.76E-101	RPE
Rpl23	0.253288649	4.01E-95	RPE
Rpl7	0.302356903	4.99E-94	RPE
Akr1a1	0.27393939	1.72E-93	RPE
Rps15a	0.265737963	8.89E-92	RPE
Serf2	0.252011708	1.66E-72	RPE

Atp6v1g1	0.369248156	4.84E-52	RPE
Tmem176b	0.477338874	4.96E-45	RPE
Tmem176a	0.377486698	3.00E-26	RPE
AABR07000398.1	0.285718254	3.54E-18	RPE
Atp1a1	1.009716524	6.92E-12	RPE
H3f3a	0.27004894	2.00E-07	RPE
S100a4	4.842747763	0	SWC
Abca8a	4.474634796	0	SWC
Cryab	4.347548207	0	SWC
Gfra3	4.322163203	0	SWC
Scn7a	4.23494406	0	SWC
Egfl8	3.870135025	0	SWC
Sfrp5	3.488432379	0	SWC
Plp1	3.441931487	0	SWC
Sncg	3.438344724	0	SWC
Itgb4	3.414675416	0	SWC
Cdh19	3.41137338	0	SWC
Rassf4	3.344510243	0	SWC
Cnp	3.333852951	0	SWC
Vwa1	3.306302642	0	SWC
Lgi4	3.248697259	0	SWC
Art3	3.014527445	0	SWC
Slitrk6	2.996681641	0	SWC
Sostdc1	2.865918033	0	SWC
Mpz	2.829010607	0	SWC
Gfra2	2.819049867	0	SWC
Olfml2a	2.811271001	0	SWC
Cmtm5	2.805051697	0	SWC
Sox10	2.748572952	0	SWC
ErbB3	2.715557141	0	SWC
Entpd2	2.661873817	0	SWC
Sapcd1	2.61586063	0	SWC
Tppp3	2.47690574	0	SWC
Fst	2.460316453	0	SWC
L1cam	2.378784845	0	SWC
Fndc1	2.364502148	0	SWC
Pdgfa	2.32611615	0	SWC
Pcdh20	2.311703563	0	SWC
Epdr1	2.297197063	0	SWC
Cadm3	2.292205677	0	SWC
Ajap1	2.121992292	0	SWC
Gldn	2.061045966	0	SWC
Apod	2.030725363	0	SWC

Aatk	2.001689383	0	SWC
Trdn	1.986065385	0	SWC
Gpr37l1	1.948301983	0	SWC
Mal	1.86781846	0	SWC
C1qtnf12	1.81781862	0	SWC
Mrgprf	1.776711678	0	SWC
Rxrg	1.744352083	0	SWC
Fxyd7	1.714496565	0	SWC
Chl1	1.681978602	0	SWC
Metrn	1.667074971	0	SWC
Iqgap2	1.657102229	0	SWC
Bcar3	1.627244533	0	SWC
Grik2	1.534024924	0	SWC
Adam23	1.520013273	0	SWC
Matn2	1.470380893	0	SWC
Gap43	1.418535224	0	SWC
Ngfr	1.303232904	0	SWC
Prrg4	1.298420599	0	SWC
Slitrk1	1.237411909	0	SWC
Ncam2	1.18289377	0	SWC
Gas2l3	1.149446265	0	SWC
Rasgef1c	1.081641436	0	SWC
Smim5	0.944959101	0	SWC
PCOLCE2	0.913399495	0	SWC
Plekha41	2.670699289	9.58E-297	SWC
Mlph	1.450837843	2.76E-294	SWC
Gpm6b	2.081349467	4.73E-283	SWC
Nrxn1	1.758427927	8.18E-274	SWC
Plce1	1.68127593	1.41E-272	SWC
Mmp15	1.279735393	1.30E-271	SWC
Afap1l2	1.823445212	5.27E-254	SWC
Col5a3	2.802369518	9.18E-247	SWC
Epb41l4b	0.865260083	5.21E-237	SWC
Itga1	1.676818496	6.96E-235	SWC
Prima1	0.943369205	1.76E-230	SWC
Col16a11	2.653560849	1.15E-226	SWC
Fez1	2.095841485	2.68E-226	SWC
Slc35f1	0.998367053	8.94E-219	SWC
Mcam	1.767774445	4.93E-215	SWC
Bche	1.626384136	8.00E-215	SWC
Cd9	3.861232027	2.58E-209	SWC
Col15a1	1.731808065	5.24E-208	SWC
Pdlim4	1.992676249	6.93E-207	SWC

Rarres21	3.714481837	1.40E-205	SWC
Cobl	1.048794831	2.27E-204	SWC
Alcam	1.959422225	2.34E-203	SWC
Fxyd11	4.522082201	1.52E-202	SWC
Flrt3	1.351883184	3.46E-189	SWC
Rerg	1.004702491	2.53E-187	SWC
Htra1	2.662328412	4.15E-186	SWC
Pmp221	3.461710136	7.32E-182	SWC
Synm	1.743954801	1.10E-176	SWC
Ecrq41	2.995522749	4.85E-174	SWC
Mbp	1.041078672	2.56E-173	SWC
St3gal5	1.878482487	3.17E-171	SWC
Prr5	1.491685285	3.29E-171	SWC
Megf10	1.050334954	4.49E-169	SWC
Sorbs2	1.744860764	3.09E-168	SWC
Ptprj	1.978368735	7.26E-168	SWC
Itga6	1.768189906	1.02E-166	SWC
Sema3c	1.619672966	1.38E-163	SWC
Adgrg6	1.165478911	1.11E-162	SWC
Tax1bp31	2.232066324	2.52E-161	SWC
Phlda31	2.318925149	1.96E-157	SWC
Trhde	1.117033291	6.33E-155	SWC
Vim1	3.587383346	1.70E-154	SWC
Cep97	1.103149273	3.59E-150	SWC
Tmod2	1.220718847	3.17E-148	SWC
Txndc12	2.279891644	9.69E-148	SWC
Tmsb15b2	1.736176388	1.21E-146	SWC
Cadm2	0.920706609	4.89E-146	SWC
Cd44	1.477985937	2.30E-145	SWC
Hacd1	1.007542452	3.37E-144	SWC
Gas7	1.339717425	1.80E-142	SWC
Nkd2	1.345379891	2.64E-142	SWC
Col18a11	2.166590659	4.41E-142	SWC
Ptprz1	1.291003606	4.42E-142	SWC
Mfap5	1.857315887	1.25E-139	SWC
Lamb11	2.047166143	4.99E-139	SWC
Tspo	2.066765484	2.26E-138	SWC
Sox2	0.891797194	4.05E-138	SWC
Dbn11	1.955335449	5.87E-137	SWC
Paqr61	1.796324611	1.18E-136	SWC
Crppa	1.049652751	6.69E-136	SWC
Plxdc2	1.337807234	3.61E-135	SWC
Niban1	1.460617641	1.24E-134	SWC

Marcks1	2.814378934	2.97E-134	SWC
Zeb21	1.962719785	1.14E-133	SWC
Lgals3	1.469638923	8.05E-131	SWC
Stard13	1.26173801	3.43E-130	SWC
Ddah21	2.484256006	3.65E-129	SWC
Col4a11	2.270001976	2.48E-127	SWC
Cd481	2.591251862	3.97E-127	SWC
Cnksr2	1.362557337	7.00E-124	SWC
Lims2	1.203224706	2.13E-123	SWC
Nkain4	1.378317359	4.68E-123	SWC
Agrn	1.937094282	1.07E-121	SWC
Phgdh	0.954129022	3.01E-121	SWC
Dbi	2.559819901	1.29E-120	SWC
Igfbp71	2.576145443	6.41E-120	SWC
Timp11	1.943367345	1.67E-119	SWC
Crip11	2.094325033	2.53E-119	SWC
Filip1	1.129326231	3.35E-119	SWC
Ttyh1	1.312320742	4.48E-119	SWC
Abcb4	1.186587504	1.56E-118	SWC
Csrp11	2.015375185	4.22E-118	SWC
Marveld1	1.5809476	5.07E-118	SWC
S100a101	2.225046177	1.07E-110	SWC
Txnip1	2.383021679	1.29E-108	SWC
Vcl1	1.771702013	2.12E-108	SWC
Igsf11	1.136576146	4.48E-108	SWC
Cntfr	1.406646152	1.53E-107	SWC
Itm2a	1.825265839	1.17E-106	SWC
Plscr1	1.185817978	1.33E-106	SWC
Cnn31	1.968637036	5.14E-105	SWC
Fam89a	0.958899409	9.03E-105	SWC
Arhgef26	0.849435431	2.47E-104	SWC
Hspb1	1.943970886	4.21E-103	SWC
G0s2	1.349884759	8.76E-103	SWC
Enho	1.441733071	1.17E-102	SWC
Gamt	1.160125925	6.61E-101	SWC
Col3a11	1.86104207	9.75E-100	SWC
Slco3a1	0.967339294	3.76E-99	SWC
AABR07049085.1	1.150570821	3.90E-99	SWC
Prnp1	2.18720714	1.61E-98	SWC
Abca9	0.847588274	4.45E-97	SWC
Nudt19	1.226927915	6.37E-97	SWC
Ppic1	1.758616029	2.21E-96	SWC
B4galt6	1.376594549	5.13E-96	SWC

Rcan1	1.592108874	1.87E-94	SWC
Marcks11	1.713803526	2.08E-94	SWC
Tgm21	1.980469708	7.72E-94	SWC
Dag11	1.899189486	1.29E-92	SWC
Atp1a21	1.506989649	5.00E-92	SWC
Mid2	1.16028431	1.71E-89	SWC
Vcan	1.159478498	4.83E-88	SWC
Serinc5	1.317570203	1.55E-87	SWC
Lmna1	1.817061658	3.29E-87	SWC
Ddr1	1.244944899	3.85E-87	SWC
Gulp11	1.583696189	1.39E-86	SWC
Atp6v0e11	1.784800754	5.00E-86	SWC
Pik3r11	1.727438423	1.18E-84	SWC
Col5a21	1.559408369	2.31E-83	SWC
Pmepa11	2.175872298	3.62E-83	SWC
Dst	1.878507251	2.76E-82	SWC
Klf15	0.931835933	1.81E-81	SWC
Plec1	1.677856575	2.24E-81	SWC
Itprid2	1.247580836	4.72E-81	SWC
Litaf	1.181297345	6.10E-81	SWC
Rhoc1	1.771478922	8.46E-81	SWC
St6gal1	0.863569273	2.06E-80	SWC
Lysmd2	1.39581588	2.51E-80	SWC
Fermt21	1.629875335	2.88E-80	SWC
Slc44a2	1.318789796	6.72E-80	SWC
Slc44a1	1.456038846	9.06E-80	SWC
Cdh2	1.096649393	7.30E-78	SWC
Aldh1a1	1.612102273	8.55E-78	SWC
Ank3	1.195614898	1.62E-77	SWC
Cst3	1.256686312	1.74E-77	SWC
Gtdc1	0.942100687	2.92E-76	SWC
Cspg4	1.063943709	1.40E-75	SWC
Itga7	0.823128004	1.41E-75	SWC
Tns31	1.396692376	1.61E-75	SWC
Npdc1	1.445782733	4.28E-75	SWC
Prss23	1.132915503	5.89E-75	SWC
Sparc1	1.470824364	3.14E-73	SWC
Sparc111	1.389597349	1.16E-72	SWC
Ndufs4	1.561985383	1.38E-72	SWC
Emp31	1.494601586	1.58E-72	SWC
Plscr41	1.40997988	8.26E-72	SWC
Arhgap39	0.772406394	3.39E-71	SWC
Arpc1a	1.605971933	2.21E-70	SWC

Sdc31	1.379151093	4.22E-68	SWC
Megf9	0.82202553	1.54E-67	SWC
Mtnr10	1.091362546	1.72E-67	SWC
Plat	1.099836712	6.74E-67	SWC
Frmd61	1.371906134	2.01E-66	SWC
Rhbdf1	1.144834612	2.42E-66	SWC
Carhsp1	1.327973938	1.04E-65	SWC
Fstl11	1.444546661	5.99E-65	SWC
S100a61	1.872886686	7.57E-65	SWC
LOC1003644351	1.315543613	4.87E-64	SWC
S100a111	1.409724208	6.26E-64	SWC
Dclk11	1.410771364	1.48E-63	SWC
Anxa12	1.230115582	7.07E-63	SWC
Gstp11	0.791822717	2.29E-62	SWC
Schip1	0.974315909	2.03E-61	SWC
Specc1	1.118907212	4.43E-61	SWC
Cdc42ep1	1.123647501	5.21E-61	SWC
Itpr3	0.757850706	1.42E-60	SWC
Nrcam	0.827729669	6.33E-60	SWC
Spry11	1.320592962	8.33E-60	SWC
Emp2	0.937301121	1.21E-58	SWC
Fgl21	1.698434362	1.28E-58	SWC
Limch1	0.88907963	1.10E-57	SWC
Gpc11	0.806427139	2.49E-57	SWC
Serpinh11	1.279078153	4.96E-57	SWC
Lbh	1.157322743	5.02E-57	SWC
Tuba1a	1.395141274	8.52E-57	SWC
Foxo1	0.900011367	2.24E-56	SWC
S100b1	0.552931143	2.57E-56	SWC
Cd991	1.31796097	4.88E-56	SWC
Myl12a1	1.284850413	7.01E-56	SWC
Plekhhb11	0.992794045	7.75E-56	SWC
Cab391	0.740413491	1.36E-55	SWC
Phldb11	1.068527633	2.03E-55	SWC
Mid1ip1	1.17789585	2.14E-55	SWC
Zfp622	1.02677418	4.99E-55	SWC
Ndrg21	1.23196905	6.53E-55	SWC
Erf	0.976968743	9.90E-55	SWC
Fads1	1.004543634	1.16E-54	SWC
Fam107b	0.846564611	2.79E-54	SWC
Timp21	1.203814791	3.97E-54	SWC
LOC108348175	0.991651286	8.48E-54	SWC
Cfap410	0.870799482	1.61E-53	SWC

Mxra81	1.203267467	2.80E-53	SWC
Ccn11	1.347525633	6.85E-53	SWC
Tagln2	1.246014761	8.20E-53	SWC
Hbegf	0.624672507	2.17E-52	SWC
Hspa12a	0.963277361	3.32E-51	SWC
Galnt21	1.146282014	4.15E-51	SWC
Gimap8	0.835392129	1.95E-50	SWC
Tgfbr2	1.159208941	8.86E-50	SWC
Pdgfb	0.80937298	9.64E-50	SWC
Arhgef3	0.867614939	9.82E-50	SWC
Plpp1	0.670794157	4.15E-49	SWC
Selenom1	1.177947719	6.51E-49	SWC
Tm4sf1	0.68000921	8.51E-49	SWC
Utrn	1.232419928	1.14E-48	SWC
RT1-T24-3	1.485268318	5.44E-48	SWC
RGD1308706	1.075587077	1.17E-47	SWC
Lgr4	0.745092118	2.08E-47	SWC
Rnd31	1.157241092	2.46E-47	SWC
Arpc1b	1.1265267	1.56E-46	SWC
Sfrp11	0.691288907	1.59E-46	SWC
Papss1	1.095444751	3.51E-46	SWC
Josd2	0.860360828	5.10E-46	SWC
RGD15633541	0.979932342	7.49E-46	SWC
Ahr	0.674273695	1.54E-45	SWC
Cdkn2c	0.69604614	1.64E-45	SWC
Lamc11	1.055301973	3.49E-45	SWC
Arhgef10	0.879997102	4.05E-45	SWC
Egflam	0.891897948	8.53E-45	SWC
Tln11	1.292169776	8.34E-44	SWC
Apc2	0.898661853	9.73E-44	SWC
Anxa21	1.020037378	2.32E-43	SWC
Ptpn13	0.836444334	3.30E-43	SWC
Lmo4	1.071867632	1.07E-42	SWC
Cyb5a1	1.234064531	1.54E-42	SWC
Filip111	1.141163856	1.85E-42	SWC
Cd811	1.056778167	3.11E-42	SWC
AABR07033564.2	0.742987771	1.01E-41	SWC
Actb1	0.987081475	2.08E-41	SWC
Ctsh1	1.088972847	2.12E-41	SWC
Nf1	0.957396819	2.31E-41	SWC
Apoe	0.928395297	4.63E-41	SWC
Dusp6	0.946948684	6.42E-41	SWC
App1	1.058657826	3.78E-40	SWC

Mrps6	1.071406613	7.23E-40	SWC
Cdc42se1	0.982086235	8.80E-40	SWC
Kank4	0.878812938	1.22E-39	SWC
Cavin31	0.967620882	2.00E-39	SWC
Sgce1	1.136929036	2.20E-39	SWC
Pon2	1.093550949	3.71E-39	SWC
Reck1	1.002684191	5.44E-39	SWC
Lpar11	0.985859087	1.04E-38	SWC
Serinc3	1.067671913	1.67E-38	SWC
Itgb11	1.075491979	1.78E-38	SWC
Tacc11	1.009539902	1.05E-37	SWC
Bpgm	0.907165548	1.54E-37	SWC
Dock71	1.036715282	1.89E-37	SWC
Fabp51	0.764855348	2.65E-37	SWC
Anxa51	0.982853705	5.38E-37	SWC
Azin11	0.980278893	7.69E-37	SWC
Capn5	0.822144969	1.66E-36	SWC
Lhfpl2	0.860617095	1.93E-36	SWC
Ddhd1	0.635964719	2.12E-36	SWC
Prex2	0.744354203	5.12E-36	SWC
Shroom2	0.712124372	6.03E-36	SWC
Ctnna11	1.023583219	2.90E-35	SWC
S100a13	0.976951717	7.31E-35	SWC
Sema6d1	0.855095973	1.10E-34	SWC
Clic11	0.954223996	1.51E-34	SWC
Ppp1r2	1.101177723	1.60E-34	SWC
Eif4e3	0.884917985	3.98E-34	SWC
Klf4	1.312698415	8.46E-33	SWC
Ppib1	0.87367749	1.36E-32	SWC
Nr4a1	0.862775171	1.42E-32	SWC
Ccser2	0.773677373	1.45E-32	SWC
Cd631	0.537205287	8.03E-32	SWC
Plin2	0.714350768	3.21E-31	SWC
LOC1083495481	0.862213995	3.56E-31	SWC
Anks1a	0.619667655	8.53E-31	SWC
S100a161	0.848368381	8.83E-31	SWC
LOC1003614571	0.852673655	2.43E-30	SWC
Tes	0.686048703	2.49E-30	SWC
Atrn	0.944547153	3.52E-30	SWC
Hexa1	0.892632444	3.75E-30	SWC
Nudt4	1.00521743	3.99E-30	SWC
Olfm2	0.809919629	5.42E-30	SWC
Rps6ka5	0.899139185	5.75E-30	SWC

P2rx4	0.707634529	1.32E-29	SWC
Cald11	0.750795296	1.61E-29	SWC
Gnb21	0.936484143	1.76E-29	SWC
Sipa112	0.755535064	2.25E-29	SWC
Nid11	0.869890276	2.37E-29	SWC
Usp6nl	0.685244932	2.87E-29	SWC
Asah1	1.00140023	3.72E-29	SWC
Ccnd3	0.957908853	5.56E-29	SWC
Ilk	0.861818708	5.96E-29	SWC
Lgals11	0.747576057	7.01E-29	SWC
Flna1	0.922197723	7.07E-29	SWC
Fth11	0.662225549	7.66E-29	SWC
Stard3nl	0.785931029	1.09E-28	SWC
Slc27a1	0.654344978	1.51E-28	SWC
Tle31	1.072777852	2.50E-28	SWC
Tmem176b1	1.076460196	5.41E-28	SWC
Sash11	0.944274766	1.02E-27	SWC
Ccnd1	0.711134143	1.07E-27	SWC
Mxd4	0.99375536	1.19E-27	SWC
Tprg11	1.054205226	1.20E-27	SWC
Col4a2	0.870784651	1.49E-27	SWC
Pxn	0.916065704	1.62E-27	SWC
Klfl31	1.037870767	1.71E-27	SWC
Cebpd1	0.419030298	2.12E-27	SWC
Selenof1	0.870880617	2.62E-27	SWC
Ctnb2nl	0.795649784	3.52E-27	SWC
Pbxip11	0.900947905	5.95E-27	SWC
LOC100359583	0.706696566	6.70E-27	SWC
Sat1	0.7525384	1.02E-26	SWC
Plpp31	0.529313891	1.11E-26	SWC
Ankrd50	0.76073509	1.39E-26	SWC
Mboat2	0.697887464	1.90E-26	SWC
Tmem50a1	0.811372756	2.02E-26	SWC
Itfg1	0.927566335	2.77E-26	SWC
Efs	0.767774651	7.12E-26	SWC
Enoph1	0.596733965	7.27E-26	SWC
Crip2	0.690913481	1.13E-25	SWC
Bloc1s11	0.812434168	1.21E-25	SWC
Cp1	0.862655573	1.52E-25	SWC
Zfp703	0.783607516	1.62E-25	SWC
Nfix1	0.851704766	2.02E-25	SWC
Arl8a	0.82090715	2.56E-25	SWC
Ppp1r15a1	0.946579532	3.46E-25	SWC

LOC100912034	0.73198844	4.85E-25	SWC
Nrp21	0.855728046	6.31E-25	SWC
Sh3d19	0.672189923	6.85E-25	SWC
Cipc	0.500992122	3.64E-24	SWC
Sptbn11	0.75143782	7.02E-24	SWC
Fkbp91	0.825640322	1.11E-23	SWC
Swap70	0.821113857	1.31E-23	SWC
Lamp21	0.724656758	1.34E-23	SWC
Mvb12b	0.592790846	2.37E-23	SWC
Vapa	0.835952611	2.82E-23	SWC
Bcl2l1	0.767970135	3.28E-23	SWC
Prdx41	0.930674655	3.98E-23	SWC
Scg3	0.473744482	4.37E-23	SWC
Cd821	0.713830306	5.78E-23	SWC
Zcchc241	0.817647388	7.44E-23	SWC
Ncam1	0.592021339	1.10E-22	SWC
Fosb1	0.952851162	1.23E-22	SWC
Afap1	0.752302728	2.01E-22	SWC
Scand1	0.861415636	2.11E-22	SWC
Col12a11	0.736482195	2.32E-22	SWC
Fos1	0.963667519	3.23E-22	SWC
Tgfr31	1.243244972	3.44E-22	SWC
Aph1b1	0.8190844	8.52E-22	SWC
Pfn1	0.569258136	1.13E-21	SWC
Wwp1	0.498597277	1.27E-21	SWC
Rac1	0.784128893	1.79E-21	SWC
Taldo1	0.793333854	3.26E-21	SWC
Rel11	0.618630012	4.70E-21	SWC
Axl1	0.745968004	5.17E-21	SWC
Prdx11	0.716396168	6.44E-21	SWC
Pmvk	0.694253089	7.49E-21	SWC
Ctsl1	0.499854713	9.86E-21	SWC
Eci11	0.570541042	1.27E-20	SWC
Mpzl11	0.68562062	1.65E-20	SWC
Cxxc5	0.582816855	1.74E-20	SWC
Rps27l1	0.86017127	2.06E-20	SWC
Bax	0.717565848	2.51E-20	SWC
Hsd17b111	0.627505243	2.80E-20	SWC
Mt-atp8	0.746551653	3.85E-20	SWC
Ahnak1	0.555569551	4.28E-20	SWC
Cotl1	0.51751777	5.93E-20	SWC
Cat	0.950456814	5.95E-20	SWC
Septin81	0.670247988	6.06E-20	SWC

LOC103693776	0.71442035	8.66E-20	SWC
Sspn1	0.720813638	1.15E-19	SWC
Ltbp41	0.678558036	1.26E-19	SWC
Jag1	0.685910769	1.93E-19	SWC
Tmem140	0.750618637	2.45E-19	SWC
Cd59	0.823874599	2.88E-19	SWC
Mt-nd11	0.601471523	4.70E-19	SWC
Tril1	0.532908677	5.83E-19	SWC
Ptpn12	0.698120501	6.68E-19	SWC
Ypel3	0.679696708	1.21E-18	SWC
Gpx81	0.823268578	1.80E-18	SWC
Psenen	0.7829231	1.88E-18	SWC
Tmem43	0.642600906	2.69E-18	SWC
Coll1a1	0.603262447	3.55E-18	SWC
Tmed10	0.724237307	3.78E-18	SWC
Hes1	0.446854655	5.30E-18	SWC
Rassf8	0.551733373	5.77E-18	SWC
Ppia	0.889791768	6.17E-18	SWC
Srebf2	0.75462786	6.23E-18	SWC
Med10	0.615691193	7.76E-18	SWC
Ifi271	0.476340579	8.56E-18	SWC
Rara	0.738325391	9.16E-18	SWC
Myl61	0.575448878	9.47E-18	SWC
Clec2g1	0.518656785	1.07E-17	SWC
Adam17	0.624572106	1.87E-17	SWC
Snx1	0.734503234	2.33E-17	SWC
Pik3ip1	0.532185772	3.66E-17	SWC
Rab6a	0.701621194	4.54E-17	SWC
Sertad2	0.566642112	5.02E-17	SWC
Tmem176a1	0.594294582	9.13E-17	SWC
Laptm4a1	0.598237309	9.56E-17	SWC
Notch1	0.622949042	1.05E-16	SWC
Rpp211	0.728209942	1.18E-16	SWC
Hspa1b1	0.94382664	1.54E-16	SWC
Psap1	0.554011349	1.74E-16	SWC
Kirrel1	0.445997231	1.77E-16	SWC
Hsd12	0.465323289	1.89E-16	SWC
Tmem204	0.456579131	1.94E-16	SWC
Mt-nd2	0.575335524	3.25E-16	SWC
Ets1	0.727366944	3.45E-16	SWC
Vkorc11	0.658171289	3.48E-16	SWC
Enpp4	0.56941939	3.56E-16	SWC
Tmem30a	0.671815147	4.00E-16	SWC

Map3k4	0.442720659	4.41E-16	SWC
Add32	0.609079645	4.51E-16	SWC
Ninj1	0.470120392	6.14E-16	SWC
Eid11	0.713432749	9.85E-16	SWC
Dynl11	0.622318986	9.85E-16	SWC
Ier511	0.755972439	1.09E-15	SWC
Wipf1	0.575242988	1.19E-15	SWC
Klf7	0.616897891	1.42E-15	SWC
Fzd11	0.600383058	1.72E-15	SWC
Il6st1	0.662386664	1.80E-15	SWC
Parva1	0.647157312	2.19E-15	SWC
Rgs3	0.620869183	2.79E-15	SWC
Tmem591	0.620492265	2.93E-15	SWC
Ppp1r14b1	0.665358488	3.76E-15	SWC
1-Jun	0.348661141	4.99E-15	SWC
Ech11	0.539343479	5.70E-15	SWC
Rab381	0.32219748	6.72E-15	SWC
Map4k41	0.657990332	7.49E-15	SWC
LOC691807	0.635098715	9.70E-15	SWC
Zfp706	0.617556967	1.02E-14	SWC
Arpc51	0.691090021	1.10E-14	SWC
Atp6v1g11	0.506360254	1.37E-14	SWC
Map1lc3a1	0.659511746	1.52E-14	SWC
Pdpf	0.710723687	1.67E-14	SWC
Rhob1	0.545949434	1.79E-14	SWC
Vps13a	0.486386342	2.13E-14	SWC
Lama21	0.513901274	2.50E-14	SWC
Slc35b2	0.605895285	2.57E-14	SWC
Secisbp211	0.585503197	2.83E-14	SWC
Gnai2	0.462124041	3.02E-14	SWC
Lasp1	0.909684084	3.31E-14	SWC
Dip2b	0.544559651	3.41E-14	SWC
Mt-nd31	0.709780849	3.68E-14	SWC
Tsnax	0.542357178	5.12E-14	SWC
Mt-nd41	0.496168657	5.41E-14	SWC
Cfl1	0.648283519	6.62E-14	SWC
Nenfl	0.637744664	6.64E-14	SWC
Anxa61	0.729881932	7.33E-14	SWC
Polr2f	0.641807848	7.94E-14	SWC
Sec11c	0.359174445	9.40E-14	SWC
Mob4	0.628871937	1.19E-13	SWC
Zfp24	0.492477858	1.25E-13	SWC
Mesd1	0.588881834	1.31E-13	SWC

Vat11	0.5229725	1.62E-13	SWC
Plekho1	0.523975459	1.95E-13	SWC
Zfp608	0.491357985	1.95E-13	SWC
Trim35	0.627889892	2.38E-13	SWC
Ctdsp11	0.493667898	2.68E-13	SWC
Nr4a2	0.583682994	2.73E-13	SWC
Nr1d11	0.636807822	2.94E-13	SWC
Fkbp21	0.617693382	3.53E-13	SWC
Nedd41	0.567519429	3.57E-13	SWC
Agap1	0.645579879	3.60E-13	SWC
Hsp90ab1	0.564392516	3.87E-13	SWC
LOC288913	0.537870538	5.36E-13	SWC
Mapk31	0.662212059	5.51E-13	SWC
Plod1	0.52876793	5.75E-13	SWC
Rela	0.635425626	8.03E-13	SWC
C1qtnf21	0.708873542	1.58E-12	SWC
Ak31	0.564023947	1.78E-12	SWC
Junb1	0.576297439	1.92E-12	SWC
Coro1b	0.667736029	2.82E-12	SWC
Eef1d1	0.569983682	3.88E-12	SWC
Rab7a1	0.574277776	4.03E-12	SWC
Brk1	0.563910514	4.65E-12	SWC
Blvrb	0.56903253	4.69E-12	SWC
Mmp141	0.59139829	4.72E-12	SWC
Sipa111	0.492883977	4.98E-12	SWC
Ccdc1071	0.366811115	5.38E-12	SWC
Wipi1	0.582941071	5.67E-12	SWC
Dnlz	0.538001403	6.01E-12	SWC
Cbx51	0.540205601	7.68E-12	SWC
Slc12a4	0.517083927	7.98E-12	SWC
Zfp361	0.262722863	1.04E-11	SWC
RGD1308428	0.46101437	1.33E-11	SWC
Cers21	0.636253344	1.46E-11	SWC
Ddt1	0.591422743	1.72E-11	SWC
Ndrp11	0.333910804	2.15E-11	SWC
Cd471	0.665601198	2.19E-11	SWC
Tsc22d31	0.649433889	2.51E-11	SWC
Dynlrb1	0.552988952	2.59E-11	SWC
Mt-atp6	0.427370325	2.95E-11	SWC
Anxa4	0.589366841	4.23E-11	SWC
Abi1	0.613521841	5.68E-11	SWC
Rasa3	0.499550888	6.22E-11	SWC
Srp14	0.531080677	7.00E-11	SWC

Pgpep1	0.473287024	7.12E-11	SWC
Rnf187	0.531048822	7.44E-11	SWC
Etfa	0.519960011	1.42E-10	SWC
Lamtor2	0.526710509	1.48E-10	SWC
Dusp7	0.453737877	1.67E-10	SWC
Cdc42ep41	0.57745276	1.80E-10	SWC
Vgll41	0.642298451	2.08E-10	SWC
Btg1	0.493944349	2.19E-10	SWC
Arhgef7	0.450359694	2.73E-10	SWC
Plekha51	0.546470071	2.89E-10	SWC
Puf60	0.574324867	3.07E-10	SWC
Abhd4	0.538778783	3.20E-10	SWC
Arhgdia1	0.525221152	3.68E-10	SWC
Arhgef251	0.459918785	3.77E-10	SWC
Pdcd10	0.531030732	3.82E-10	SWC
Slk	0.55214554	4.96E-10	SWC
Psmel1	0.487229268	5.14E-10	SWC
Paqr4	0.319282314	5.74E-10	SWC
Txndc171	0.571628744	6.65E-10	SWC
Rgl1	0.488141438	6.88E-10	SWC
Ldb2	0.706954925	9.44E-10	SWC
Rock2	0.563275821	9.77E-10	SWC
Tm9sf21	0.600617148	1.11E-09	SWC
Dync1i21	0.37953302	1.15E-09	SWC
Slc39a71	0.520279104	1.95E-09	SWC
Pdia31	0.531946806	2.03E-09	SWC
Pdha1	0.53347331	2.24E-09	SWC
Rhoa1	0.590582165	2.53E-09	SWC
Cyp51	0.552109538	2.88E-09	SWC
Evalb1	0.421740502	3.17E-09	SWC
Mt2A1	1.025033331	3.22E-09	SWC
LOC103695118	0.404312516	3.32E-09	SWC
Dusp3	0.492165808	4.56E-09	SWC
M6pr	0.550881565	5.71E-09	SWC
Zfp36111	0.353221067	5.81E-09	SWC
Msn	0.28441595	6.78E-09	SWC
Cast1	0.616377653	6.85E-09	SWC
Mt-nd5	0.470780804	7.80E-09	SWC
Dact31	0.458325527	9.83E-09	SWC
Btd	0.403728105	1.14E-08	SWC
Ascc3	0.511348094	1.48E-08	SWC
Saraf	0.517293117	1.53E-08	SWC
Id41	0.570869195	1.64E-08	SWC

Rheb	0.525574342	1.65E-08	SWC
Rbbp71	0.537941897	1.76E-08	SWC
Pttg1ip1	0.44267348	1.93E-08	SWC
Iah1	0.498338919	1.96E-08	SWC
Maged21	0.490374345	2.02E-08	SWC
Scpep11	0.344162179	2.16E-08	SWC
Impdh2	0.518407225	2.33E-08	SWC
Flot1	0.427828836	2.57E-08	SWC
Mgll	0.37051522	2.61E-08	SWC
Zdhhc2	0.256858877	3.94E-08	SWC
Comm1	0.542062975	4.79E-08	SWC
Pdia61	0.535459412	5.09E-08	SWC
Rnh1	0.456258118	5.55E-08	SWC
Jund1	0.268042215	6.48E-08	SWC
Sgcb	0.380348269	7.14E-08	SWC
Tceal81	0.48176564	7.21E-08	SWC
Krcc1	0.492652892	7.68E-08	SWC
Wwc2	0.350705346	8.24E-08	SWC
Lamp11	0.404783812	9.07E-08	SWC
Mt-nd4l1	0.593878706	9.71E-08	SWC
Grn1	0.313833778	1.22E-07	SWC
Ncstn	0.446128634	1.27E-07	SWC
Amotl2	0.289693866	1.50E-07	SWC
Uqcr111	0.444552493	1.64E-07	SWC
Srgap2	0.346312911	1.70E-07	SWC
Calr1	0.491496456	1.79E-07	SWC
Svip	0.30787089	1.91E-07	SWC
Golga7	0.403601728	2.06E-07	SWC
Mt-cyb	0.308861502	2.20E-07	SWC
Hebp1	0.448297033	2.49E-07	SWC
Rab341	0.427076775	2.67E-07	SWC
Rap1a	0.465064588	2.96E-07	SWC
Mbnl21	0.4097004	3.94E-07	SWC
Pgls1	0.534127315	4.16E-07	SWC
Ciao2b	0.474995319	5.01E-07	SWC
Vdac3	0.424501814	5.71E-07	SWC
LOC108349189	0.599951581	5.90E-07	SWC
Ddost1	0.499561329	6.17E-07	SWC
Hsd17b101	0.472141016	6.38E-07	SWC
Mt-co2	0.292899083	6.44E-07	SWC
Stx12	0.424622394	6.52E-07	SWC
H2az2	0.41631638	7.15E-07	SWC
Fyn	0.453391436	1.06E-06	SWC

Evi5	0.577529807	1.12E-06	SWC
Sbds	0.353255205	1.14E-06	SWC
Alg5	0.492940438	1.33E-06	SWC
Ccn21	0.584386018	1.50E-06	SWC
Fnta1	0.353358573	1.60E-06	SWC
Numa1	0.364005062	1.82E-06	SWC
Avpi1	0.530523651	1.86E-06	SWC
Mpc11	0.485494115	1.86E-06	SWC
Agpat1	0.51297526	1.88E-06	SWC
Klf91	0.328762223	2.52E-06	SWC
Sec11a1	0.439331709	2.56E-06	SWC
Hadh	0.435970576	2.69E-06	SWC
Hmgcs1	0.560296234	3.03E-06	SWC
Lats2	0.306177526	3.15E-06	SWC
Fkbp1a	0.379330796	3.40E-06	SWC
Cstb1	0.398514687	3.73E-06	SWC
Cpd	0.350469727	4.10E-06	SWC
Zbtb201	0.316736062	4.13E-06	SWC
Pafah1b1	0.354991125	4.53E-06	SWC
Ralbp1	0.383191586	5.01E-06	SWC
Pea15	0.399160716	5.24E-06	SWC
Osbp11a	0.494813659	5.24E-06	SWC
Pdcd61	0.413984276	6.08E-06	SWC
Spes1	0.351213955	6.56E-06	SWC
Syap11	0.419732539	6.58E-06	SWC
Cfl2	0.358892733	6.78E-06	SWC
Hspa51	0.581320007	7.09E-06	SWC
Tecr	0.284952907	7.56E-06	SWC
Slc39a11	0.481399111	8.26E-06	SWC
Wdr1	0.54134226	8.63E-06	SWC
Cd3021	0.514367667	8.65E-06	SWC
Emc101	0.386156841	9.22E-06	SWC
Os9	0.542640838	9.37E-06	SWC
Tubb4b	0.518742431	1.05E-05	SWC
Ltbp31	0.451272454	1.11E-05	SWC
Ctsf1	0.491648903	1.23E-05	SWC
Ppp3ca	0.306342721	1.45E-05	SWC
Tmed7	0.432952386	1.45E-05	SWC
AABR07072236.11	0.335897626	1.76E-05	SWC
Sec61b1	0.328375135	1.95E-05	SWC
Dph3	0.321996653	2.18E-05	SWC
Tpm41	0.434748348	2.21E-05	SWC
Msmo1	0.375160195	2.37E-05	SWC

Zbtb38	0.336304959	2.49E-05	SWC
Cct8	0.393577459	2.55E-05	SWC
Rbms11	0.533097858	2.94E-05	SWC
Kank21	0.301682806	3.67E-05	SWC
Tmem109	0.452495183	3.69E-05	SWC
Tmem87b	0.262320084	5.51E-05	SWC
Ubc1	0.391599408	5.79E-05	SWC
Orai1	0.335962488	6.18E-05	SWC
Daam1	0.447813007	6.21E-05	SWC
Adam10	0.311233955	6.42E-05	SWC
Edfl	0.378292536	6.48E-05	SWC
Tmem1341	0.551082949	6.50E-05	SWC
Xpnpep1	0.329319662	6.91E-05	SWC
AABR07002683.11	0.396279552	8.05E-05	SWC
Calu1	0.366120692	8.56E-05	SWC
Prdx61	0.417590154	9.49E-05	SWC
Gask1b1	0.288079017	9.84E-05	SWC
AABR07053687.11	0.323522793	0.000100612	SWC
Chmp5	0.302039223	0.000107037	SWC
Elob	0.361973496	0.000112866	SWC
Acadv1	0.362334077	0.000137408	SWC
Mtchl1	0.399484977	0.000156325	SWC
Ppp2cb	0.372904335	0.000169813	SWC
Selenok	0.285414644	0.000172961	SWC
Leprot	0.391412904	0.00018042	SWC
Eif5	0.303408793	0.000196834	SWC
Sem1	0.351203046	0.000200806	SWC
Med21	0.340605081	0.000205438	SWC
Sft2d1	0.393345119	0.000310286	SWC
Cdk2ap11	0.439630999	0.000316171	SWC
Rcn21	0.406295342	0.000328579	SWC
Mrps21	0.358725045	0.000333957	SWC
Nucb11	0.415783772	0.000352321	SWC
Tmem208	0.303604124	0.000382566	SWC
Ubl3	0.360706495	0.000412292	SWC
Sec14l1	0.316671942	0.000414716	SWC
Minpp1	0.378787716	0.000417	SWC
Slc38a2	0.514978688	0.000496841	SWC
Rab10	0.378063745	0.000551116	SWC
Lrp101	0.388558176	0.000561684	SWC
Snx2	0.364661138	0.000602745	SWC
Nubp1	0.352597606	0.000660309	SWC
Ywhaz	0.441282727	0.000709912	SWC

Stk25	0.370754599	0.000738087	SWC
Reep51	0.354804934	0.00074305	SWC
Ube2j2	0.38253242	0.000769651	SWC
Mbd2	0.345569972	0.000786341	SWC
Atg101	0.261070983	0.000870667	SWC
RGD1304587	0.401886585	0.000932916	SWC
Nme21	0.292563595	0.001018541	SWC
Akr1a11	0.307622281	0.001068059	SWC
Arf41	0.432961126	0.001079853	SWC
Actg1	0.45383079	0.001348005	SWC
Rab2a	0.474261455	0.001404603	SWC
Fuca11	0.281251783	0.001476426	SWC
Bet1	0.425194655	0.001717044	SWC
Dhrs7	0.339870877	0.001942398	SWC
Rxylt11	0.347555612	0.002001704	SWC
Hbp1	0.524935695	0.00202515	SWC
Agal	0.460386221	0.002050873	SWC
Sptan1	0.288541261	0.002146747	SWC
Rrbp11	0.322462041	0.002353794	SWC
Actr2	0.39389886	0.002435272	SWC
Ctsa1	0.291817338	0.002836028	SWC
Stat3	0.430854482	0.003473755	SWC
Ndfip2	0.368299692	0.003626269	SWC
Tkt	0.311602844	0.003919285	SWC
Morf4l11	0.349579437	0.003929672	SWC
Cyfp1	0.417389264	0.003954876	SWC
AABR07035218.1	0.422472552	0.003955223	SWC
Ncor21	0.444110658	0.004026969	SWC
Nfkb1	0.47849977	0.004211675	SWC
Aldh7a11	0.379201888	0.004376606	SWC
Metap2	0.332768087	0.005179447	SWC
Pdcd6ip	0.270216987	0.005223469	SWC
Nr2f6	0.314805509	0.005740496	SWC
Cdk19	0.383692234	0.005795458	SWC
Kif5b	0.27016926	0.006229787	SWC
Nudt3	0.259380499	0.006628273	SWC
Krtcap21	0.28020133	0.006704904	SWC
Arf5	0.348487106	0.006790007	SWC
Rtraf1	0.329755599	0.007741306	SWC
Copz21	0.420949797	0.00834865	SWC
Oat1	0.379252302	0.008850339	SWC
Septin21	0.292639213	0.009212458	SWC
Vps4b	0.322168365	0.00926906	SWC

Gabarap1	0.337106459	0.009359004	SWC
Antkmt	0.383808688	0.009542755	SWC
Psmb91	0.303487341	0.009601907	SWC
Cnbp	0.284123945	0.010429878	SWC
Eif31	0.354328038	0.010446543	SWC
Mgst3	0.390031638	0.010670727	SWC
Aldh21	0.352661708	0.011242658	SWC
Tmem14c	0.339383867	0.011803554	SWC
Cr11	0.472060633	0.012390906	SWC
Polr1d	0.269174772	0.012524743	SWC
Ier51	0.315679387	0.01267877	SWC
Gabbr1	0.330361004	0.013083448	SWC
Rabep1	0.262619983	0.013446026	SWC
Itgb1bp1	0.376628705	0.01450658	SWC
Sec61g1	0.35296991	0.016236586	SWC
Scd21	0.321652661	0.017200079	SWC
Tmem9b	0.251608409	0.018441884	SWC
Rcn31	0.277886929	0.018912597	SWC
Eif6	0.288437128	0.019427735	SWC
Trappc21	0.28655768	0.020046232	SWC
RGD1561590	0.310346183	0.021159318	SWC
Desi2	0.344616997	0.022529036	SWC
Tspan61	0.363688179	0.023747977	SWC
Psma6	0.27810143	0.027097149	SWC
Ifrd1	0.304355125	0.031178181	SWC
Glud1	0.347063399	0.031649315	SWC
Micos131	0.333392307	0.034190175	SWC
Tnfsf121	0.397054675	0.034248463	SWC
Urod	0.310199849	0.036301055	SWC
Ormdl2	0.259039681	0.037439603	SWC
Atp2a2	0.283606785	0.03817162	SWC
Jtb	0.354645299	0.040832954	SWC
Etfb1	0.281195485	0.040955832	SWC
AC094643.21	0.356013489	0.042112087	SWC
Iqgap1	0.354520472	0.045209073	SWC
Tbca	0.280898048	0.046519581	SWC
Anapc5	0.35690612	0.04898944	SWC
Rassf1	0.282333802	0.055935395	SWC
Srsf9	0.37036744	0.056618477	SWC
Gna12	0.392345237	0.060182721	SWC
Frg1	0.348711996	0.067734823	SWC
Fis1	0.306757285	0.072270995	SWC
Mrpl13	0.387919081	0.09520639	SWC

Anxa111	0.384298382	0.102974304	SWC
Wdfy1	0.406558684	0.102988331	SWC
Tbc1d15	0.254678038	0.114369946	SWC
Mt11	0.65671655	0.11644467	SWC
Mvb12a1	0.391622165	0.121918745	SWC
Hikeshi	0.355514729	0.125217236	SWC
Ppial4d	0.410863166	0.149739083	SWC
Gdi2	0.338450522	0.157267584	SWC
Adgrl2	0.3731912	0.161888659	SWC
Slc35b1	0.256368125	0.168515518	SWC
Septin7	0.280115801	0.169978564	SWC
Acadl1	0.357988015	0.184009703	SWC
Tmem165	0.276487944	0.1989477	SWC
Iscu1	0.297966927	0.207959815	SWC
Snx6	0.270879614	0.213512276	SWC
Pole4	0.392335551	0.217672986	SWC
Pfdn4	0.307822239	0.236546907	SWC
Bad	0.30777106	0.239730004	SWC
P4ha1	0.337336275	0.241726162	SWC
Fkbp71	0.358066786	0.291000658	SWC
Tmed21	0.269915982	0.301203715	SWC
LOC687679	0.258972503	0.319086112	SWC
Psmb3	0.298995776	0.328805602	SWC
Nipsnap2	0.326408559	0.332368461	SWC
Eef2	0.266092528	0.373549552	SWC
Efcab14	0.343374692	0.381307459	SWC
Selenoh1	0.393730243	0.392438045	SWC
Yif1a	0.313897728	0.404095984	SWC
Tspan311	0.274871671	0.441911486	SWC
Rab5c	0.288546064	0.488067406	SWC
Arl8b	0.314516239	0.48952165	SWC
H1f21	0.255150192	0.52002556	SWC
Glg11	0.252721019	0.587737857	SWC
Mrpl231	0.253371635	0.596142417	SWC
Dnajc10	0.324803585	0.627045442	SWC
Capn21	0.376045858	0.648694234	SWC
Ccdc501	0.307008991	0.68488262	SWC
Magt11	0.301180656	0.806487271	SWC
Pnkd	0.306397013	0.837437698	SWC
Shisa51	0.320122417	0.849389993	SWC
Hexim11	0.361335426	0.973859929	SWC
Cdc37111	0.294219261	1	SWC
Rras	0.299127871	1	SWC

Dennd6a	0.269596433	1	SWC
Gadd45b1	0.381029259	1	SWC
Lmbrd1	0.353979154	1	SWC
Psm2	0.269002512	1	SWC
Sec61a1	0.298993973	1	SWC
Txndc51	0.413866671	1	SWC
Cript	0.363200131	1	SWC
Smim15	0.352335696	1	SWC
Tmem128	0.254387632	1	SWC
Tm7sf31	0.284494218	1	SWC
Tmem259	0.268229099	1	SWC
Eif4a31	0.277430447	1	SWC
Rnf13	0.266190678	1	SWC
Zbtb7a	0.363256224	1	SWC
Aasdhpt	0.261383994	1	SWC
Aprt1	0.26039262	1	SWC
Vamp3	0.287164933	1	SWC
Nptn	0.317116586	1	SWC
Hsd17b41	0.271447839	1	SWC
Yaf2	0.277184265	1	SWC
Golph3	0.289299531	1	SWC
Tram11	0.29739218	1	SWC
Ctbs	0.277752589	1	SWC
Cnih4	0.285567571	1	SWC
Exoc3	0.256850052	1	SWC
LOC100362980	0.251309651	1	SWC
Nop16	0.25982741	1	SWC
Asmtl1	0.317556162	1	SWC
Rnf167	0.255660842	1	SWC
RGD1559909	0.291553731	1	SWC
Nr1d21	0.283651743	1	SWC
RT1-S31	0.251120386	1	SWC
AABR07000398.11	0.297853334	1	SWC
Nfe2l21	0.26961565	1	SWC
Rer1	0.266990581	1	SWC
Plvap	5.041920183	0	VEC
Rgcc	4.808246002	0	VEC
Cldn5	4.225248625	0	VEC
Vwf	3.973348893	0	VEC
Id1	3.642273884	0	VEC
Flt1	3.431234795	0	VEC
Ehd4	3.430588422	0	VEC
Tm4sf11	3.203244225	0	VEC

Emcn	3.193647638	0	VEC
Adgrf5	3.150387227	0	VEC
Hspb11	3.042719517	0	VEC
Eng	2.946520606	0	VEC
Clec14a	2.938239391	0	VEC
Plpp11	2.900989979	0	VEC
RT1-T24-31	2.867444115	0	VEC
Slc9a3r2	2.851990157	0	VEC
Cavin2	2.800281324	0	VEC
Thbd	2.791506157	0	VEC
Srgn	2.79083447	0	VEC
Tie1	2.77853126	0	VEC
Ecm1	2.76744451	0	VEC
Mmrn2	2.763039824	0	VEC
Fam167b	2.753822218	0	VEC
Icam2	2.740471449	0	VEC
Tcim	2.723577492	0	VEC
Egfl7	2.660298565	0	VEC
Aqp1	2.602240407	0	VEC
Prss231	2.592433038	0	VEC
Esam	2.59007636	0	VEC
Ptprb	2.571265823	0	VEC
Hyal2	2.523472831	0	VEC
Ly6e	2.509164078	0	VEC
Epas1	2.488467782	0	VEC
Cdh5	2.468867108	0	VEC
Nsg1	2.459094825	0	VEC
Hes11	2.450000025	0	VEC
Rgs5	2.44477767	0	VEC
Tek	2.390844381	0	VEC
Rasip1	2.379258136	0	VEC
Hopx	2.345597346	0	VEC
Ramp21	2.320427973	0	VEC
Bcam	2.307676438	0	VEC
RT1-CE5	2.26674618	0	VEC
Clec2g2	2.245027558	0	VEC
Plat1	2.240609219	0	VEC
Nostrin	2.233765143	0	VEC
RGD1564664	2.206510274	0	VEC
Cavin32	2.19753256	0	VEC
Apold1	2.188727548	0	VEC
RT1-T24-4	2.149421518	0	VEC
Kdr	2.132053447	0	VEC

Cyyr1	2.116684641	0	VEC
Ifi272	2.102576748	0	VEC
Crip21	2.061214397	0	VEC
Tpm11	2.056463733	0	VEC
Klf41	2.047107957	0	VEC
Id31	2.037660581	0	VEC
Sox17	2.030321725	0	VEC
Cd200	2.02976853	0	VEC
Lrg1	2.027890072	0	VEC
Nrarp	2.022831382	0	VEC
Bst2	1.979460641	0	VEC
Akr1c15	1.97545911	0	VEC
Tagln21	1.973381934	0	VEC
Podxl1	1.967484389	0	VEC
Fam110d	1.938142642	0	VEC
Lmcd1	1.928908506	0	VEC
Zfp362	1.924113936	0	VEC
Tmem2041	1.916999854	0	VEC
Itm2b1	1.893527826	0	VEC
Ctsl2	1.880962513	0	VEC
Selenom2	1.875472331	0	VEC
Mcam1	1.870168614	0	VEC
Slfn2	1.868598018	0	VEC
B2m1	1.853327921	0	VEC
Slco2a1	1.85294992	0	VEC
Anxa3	1.852189071	0	VEC
Gadd45g1	1.848248409	0	VEC
Gnai21	1.846958707	0	VEC
Hbegf1	1.840775507	0	VEC
Dusp1	1.819866635	0	VEC
Gja4	1.795737802	0	VEC
Notch11	1.792980091	0	VEC
RT1-CE4	1.780247812	0	VEC
Col4a12	1.775689687	0	VEC
Mtus1	1.758650473	0	VEC
Calcr1	1.751114329	0	VEC
Smad7	1.744247663	0	VEC
Msn1	1.734128222	0	VEC
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Enpep	1.726100214	0	VEC
Gjal	1.719277442	0	VEC
Mfge8	1.716316801	0	VEC
Cd320	1.703374352	0	VEC

Ccnd11	1.700853746	0	VEC
Plpp32	1.699890353	0	VEC
Bmpr2	1.68614323	0	VEC
Adgrl4	1.6801457	0	VEC
Elk3	1.677158018	0	VEC
Sgk1	1.668215363	0	VEC
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Nrp11	1.643788673	0	VEC
Myl12a2	1.636873678	0	VEC
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Rhob2	1.629887342	0	VEC
Exoc3l2	1.625382602	0	VEC
Ets2	1.624097146	0	VEC
Sox18	1.622060433	0	VEC
Gimap9	1.620668552	0	VEC
Lamb21	1.617033672	0	VEC
Plxnd1	1.610209804	0	VEC
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Tinagl1	1.575759715	0	VEC
Cd91	1.559560038	0	VEC
Nr4a11	1.555782839	0	VEC
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Slco1a41	1.553458022	0	VEC
Col15a11	1.534731181	0	VEC
F11r	1.527073213	0	VEC
Acvrl1	1.524646862	0	VEC
RT1-S32	1.506406091	0	VEC
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Clec1a	1.486936867	0	VEC
RT1-CE10	1.475418291	0	VEC
Ephb4	1.465506778	0	VEC
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Zfp36112	1.449904792	0	VEC
Tspan12	1.448033908	0	VEC
Cav1	1.443145427	0	VEC
Thsd1	1.442322811	0	VEC
Tsc22d32	1.425452269	0	VEC
Jam2	1.418188072	0	VEC
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Tfpi1	1.413162725	0	VEC

Itgb12	1.411072402	0	VEC
Cd812	1.41017047	0	VEC
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Resf1	1.398451484	0	VEC
Tcf15	1.396422171	0	VEC
Gata2	1.375013784	0	VEC
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Spns2	1.352209429	0	VEC
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Gimap6	1.345969124	0	VEC
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Maob	1.327278655	0	VEC
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Entpd1	1.29778005	0	VEC
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Isg15	1.250306935	0	VEC
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Shroom4	1.228750312	0	VEC
Lims21	1.221419482	0	VEC
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Efnb1	1.216273498	0	VEC
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Heg1	1.205664632	0	VEC

Shank3	1.202252716	0	VEC
Acer2	1.201702378	0	VEC
Dysf	1.200777485	0	VEC
Ecsr	1.196854897	0	VEC
Plekho11	1.196469922	0	VEC
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Cpd1	1.186939975	0	VEC
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Tjp1	1.175562802	0	VEC
Tp53i11	1.173869446	0	VEC
Luzp1	1.171833223	0	VEC
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Actn41	1.16207951	0	VEC
Enc1	1.161625256	0	VEC
RT1-A2	1.16147761	0	VEC
Kitlg1	1.160500181	0	VEC
Junb2	1.159871084	0	VEC
Klf3	1.153178824	0	VEC
Sox13	1.149553605	0	VEC
Ier5l2	1.148058567	0	VEC
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Lrrc8c	1.141393896	0	VEC
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Gnb22	1.13607105	0	VEC
Stom	1.130546022	0	VEC
Smagp	1.127289263	0	VEC
Cd482	1.123220789	0	VEC
Serpib6a1	1.121034968	0	VEC
Irx3	1.120679221	0	VEC
Tnfsf10	1.11784768	0	VEC
Ifitm31	1.116105188	0	VEC
Myl62	1.115171333	0	VEC
Cmtm8	1.115112913	0	VEC
Efnb2	1.110742853	0	VEC
S1pr1	1.108965375	0	VEC
Itga5	1.108038886	0	VEC
Cdc42ep11	1.103659952	0	VEC
App2	1.1006085	0	VEC
Emp21	1.09992817	0	VEC
Pxn1	1.091609958	0	VEC

Ifit3	1.089679963	0	VEC
Tspan9	1.088633888	0	VEC
Stc1	1.086789576	0	VEC
Sh3bp5	1.076504595	0	VEC
Pcdh19	1.07303106	0	VEC
Ahnak2	1.067810328	0	VEC
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Ehd21	1.058373707	0	VEC
Kank3	1.051839639	0	VEC
Adgrg1	1.05145488	0	VEC
Bcl2l11	1.048679417	0	VEC
Fermt22	1.047989383	0	VEC
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Rasgrp3	1.046657409	0	VEC
Gpr4	1.046313921	0	VEC
Sox7	1.043757374	0	VEC
Npdc11	1.042901417	0	VEC
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Ripor1	1.033229983	0	VEC
Cdc42ep2	1.03270495	0	VEC
Efna1	1.031047553	0	VEC
Cav2	1.024693778	0	VEC
Tmem255b	1.02404747	0	VEC
LOC1003595831	1.017148618	0	VEC
Tmem176a2	1.015128274	0	VEC
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Ifitm21	1.003770434	0	VEC
Klf71	1.003605659	0	VEC
Pon21	1.002638178	0	VEC
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Akap2	1.000132482	0	VEC
Ptpm	0.994118162	0	VEC
Ptprr	0.990320476	0	VEC
Arhgef15	0.985057949	0	VEC
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Isyna1	0.983044474	0	VEC
Cd992	0.972287821	0	VEC
Mgll1	0.967655392	0	VEC
Rbpms	0.946203154	0	VEC
Arhgap291	0.944951302	0	VEC
Jag2	0.931504303	0	VEC

Tmem176b2	0.928460693	0	VEC
Lama5	0.921064154	0	VEC
RGD1306556	0.911718229	0	VEC
Sparcl12	0.892125698	0	VEC
Ushbp1	0.889399507	0	VEC
Pdia5	0.88761032	0	VEC
Nos3	0.874523042	0	VEC
Apol3	0.868491116	0	VEC
Gvin1	0.865861279	0	VEC
Scn1b	0.859344239	0	VEC
Grasp	0.853969319	0	VEC
F8	0.852231187	0	VEC
Bche1	0.844836686	0	VEC
Plxna2	0.819341001	0	VEC
Nectin2	0.80597859	0	VEC
Dennd3	0.803642886	0	VEC
Prex21	0.796730956	0	VEC
Irx5	0.791672731	0	VEC
Tmsb4x1	0.789610234	0	VEC
Dock6	0.787848899	0	VEC
Olfml2a1	0.782986902	0	VEC
Mfng	0.777230822	0	VEC
Map3k11	0.762498356	0	VEC
Parvb	0.757483497	0	VEC
Stard8	0.75251245	0	VEC
Trim47	0.727031249	0	VEC
Rnf144b	0.720257036	0	VEC
Ctla2a	0.71698824	0	VEC
Calm1	0.471621631	0	VEC
Sipa1	0.773394595	6.80E-302	VEC
Foxp1	0.888682515	1.01E-301	VEC
Lifr	0.736470338	3.18E-301	VEC
Sertad1	1.015128353	2.74E-299	VEC
Pxdc11	0.983816483	7.91E-298	VEC
Tlnrd1	0.756551483	1.48E-295	VEC
RGD13084281	0.814594952	1.85E-292	VEC
Col4a51	1.244444637	2.24E-292	VEC
Socs5	0.907121349	2.48E-292	VEC
Cpne8	0.847064512	1.40E-290	VEC
Rab11a	1.042315905	7.49E-289	VEC
Dock9	0.968198366	7.16E-288	VEC
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Eln1	1.428759921	1.09E-287	VEC

Tln12	1.099168557	1.38E-287	VEC
Serinc31	1.038861629	2.67E-287	VEC
Gchfr	0.660292903	8.89E-287	VEC
Tsc22d11	1.165926863	1.73E-282	VEC
Sh2b3	0.878397571	8.22E-281	VEC
S100a162	0.969916097	5.56E-278	VEC
Hip1	0.999851358	6.37E-275	VEC
Ralb	0.844263631	3.70E-274	VEC
Igfbp72	1.154369311	2.01E-272	VEC
Slco2b1	0.91838342	6.63E-271	VEC
Anxa112	0.895663696	6.57E-269	VEC
Actb2	0.832053416	2.89E-267	VEC
Pls31	0.961201303	4.45E-265	VEC
Tpm3	0.999539378	1.69E-264	VEC
Rhoj1	0.973016486	1.93E-263	VEC
Rgs31	0.845662342	3.40E-263	VEC
Fam43a	0.768511657	8.43E-262	VEC
Carhsp11	0.915114242	1.39E-261	VEC
Timp31	0.598764692	1.13E-258	VEC
Lrrc32	0.815871612	2.50E-258	VEC
Fos2	1.196890147	1.74E-256	VEC
Emp11	1.100992621	1.93E-255	VEC
Txnip2	0.914329446	2.45E-255	VEC
Fkbp1a1	1.055692317	8.91E-255	VEC
Pnp	0.811796095	1.90E-254	VEC
Fry	0.71432447	2.75E-252	VEC
Lrrfip1	0.746678939	1.20E-246	VEC
Wasf2	0.894940554	1.00E-244	VEC
Ccn12	1.32004398	1.76E-244	VEC
Slc3a2	1.194051628	3.26E-244	VEC
Mpzl12	0.9192544	4.23E-243	VEC
Triobp	0.683763087	9.56E-243	VEC
Rhoa2	0.963433358	4.86E-242	VEC
Ctnna11	0.602568371	5.88E-242	VEC
Tmem123	0.713306076	1.76E-241	VEC
Psme12	0.900059635	2.93E-240	VEC
Slc2a1	2.063792802	1.39E-239	VEC
Tpt11	0.714646548	1.71E-239	VEC
Ctnna12	0.82670452	1.59E-238	VEC
Rgs16	1.715413799	2.80E-238	VEC
Tpm42	0.999864897	2.88E-238	VEC
Marcks2	0.93045749	3.05E-234	VEC
Mxd41	0.984210516	3.11E-234	VEC

Pim3	0.937753934	8.38E-233	VEC
Itprid21	0.840184842	1.88E-231	VEC
Ctbs1	0.847286527	2.34E-231	VEC
Ostf1	0.813295314	2.69E-231	VEC
Ier52	1.004426445	7.50E-231	VEC
Fcgrt1	0.824674597	1.04E-229	VEC
Cr111	0.84660229	1.06E-229	VEC
LOC1003614572	0.9449455	4.93E-228	VEC
Arpc1b1	0.700909202	8.98E-228	VEC
Pitpnm2	0.638876116	1.93E-225	VEC
Tgfb1	0.857673909	2.22E-225	VEC
Clic12	0.803759578	3.92E-224	VEC
Sash12	0.793338705	1.33E-222	VEC
Slc12a2	0.849593058	1.08E-221	VEC
Rarg1	0.783946546	1.34E-217	VEC
Jund2	0.965898662	2.36E-217	VEC
Lhfpl61	0.891021392	1.51E-215	VEC
Tspan18	0.747311595	4.20E-215	VEC
Slc44a21	0.724370464	1.06E-214	VEC
Itm2a1	1.356188124	5.81E-212	VEC
Nme22	0.918517315	1.24E-210	VEC
Ptpn121	0.748559446	6.79E-209	VEC
Cnn32	0.79700961	7.44E-209	VEC
Ppfibp1	0.738543063	9.67E-209	VEC
Rin2	0.88708934	1.11E-208	VEC
Ggta1	0.828466104	2.56E-208	VEC
Ier31	0.882234418	3.14E-207	VEC
Agrn1	0.740110576	1.26E-206	VEC
Ebf11	0.969566355	1.47E-206	VEC
Rassf11	0.770366137	8.15E-206	VEC
Ankrd13a	0.748179572	1.28E-203	VEC
Plec2	1.02046257	6.04E-203	VEC
Foxc11	0.777866006	1.48E-202	VEC
Rbms12	0.878605511	1.98E-202	VEC
Zmiz1	0.969470658	4.49E-202	VEC
Anxa22	0.79997358	9.63E-202	VEC
Lrp5	0.627214567	1.16E-201	VEC
Mef2a	0.868435019	2.47E-201	VEC
Atp2b41	0.975924774	1.26E-198	VEC
Mgst31	0.711977607	1.36E-197	VEC
Mras	1.013095114	1.66E-194	VEC
Rasal2	0.517409647	3.50E-194	VEC
Mapk32	0.841220702	3.55E-191	VEC

Ppp1r12c	0.780555584	5.30E-191	VEC
Cttnbp2n11	0.630733512	7.73E-191	VEC
Capn22	0.776749755	2.66E-190	VEC
Pfn11	0.510584078	1.00E-189	VEC
Icam1	1.000583193	5.25E-189	VEC
Sik1	0.903106353	2.09E-187	VEC
Plcb4	0.7972009	4.34E-186	VEC
Cdc42ep42	0.768068473	4.36E-185	VEC
Tnfaip1	0.579736691	1.36E-184	VEC
Cgnl11	0.776136779	6.35E-184	VEC
Plcg1	0.712651552	9.06E-184	VEC
Arhgdia2	0.769521781	2.38E-182	VEC
Tgfb2	0.711877801	2.67E-181	VEC
Man2a1	0.742627708	9.00E-181	VEC
Klf92	0.777669718	9.26E-181	VEC
Cd2ap	0.653116343	9.74E-181	VEC
Flnb	0.708850057	1.03E-179	VEC
Ssbp4	0.711268928	1.34E-179	VEC
Txn11	0.765513727	5.69E-179	VEC
Scarb1	0.531807717	7.60E-179	VEC
AC108574.11	0.74982408	8.22E-179	VEC
Dstn	0.983310624	4.20E-178	VEC
Lap3	0.77666115	1.64E-177	VEC
Sdcbp1	0.668293994	2.26E-175	VEC
Gltf	0.738818549	2.91E-175	VEC
Fxyd51	0.782924295	8.17E-175	VEC
Marveld11	0.641970923	6.54E-172	VEC
Adam171	0.572438363	1.04E-171	VEC
Taok2	0.582199909	2.75E-171	VEC
Tgfb2	0.54444361	5.06E-171	VEC
Csrp12	1.073635805	1.49E-170	VEC
Tmem1091	0.744021436	1.50E-170	VEC
Akr1c141	0.909468386	1.81E-170	VEC
Tnfsf122	0.774136057	1.92E-170	VEC
Atf31	1.458093017	2.36E-169	VEC
Mef2c1	0.483423973	2.61E-166	VEC
Cast2	0.730571627	1.28E-165	VEC
Laptm4a2	0.617028276	5.95E-165	VEC
Serpinh12	0.576935546	4.37E-164	VEC
Nrp22	0.774796339	1.27E-162	VEC
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Rap1a1	0.733740733	1.34E-161	VEC
Fosb2	0.758790914	1.34E-161	VEC

Ppp1r15a2	0.926744071	3.10E-159	VEC
Tcf7l1	0.573228465	3.68E-159	VEC
Cebpd2	0.813433098	1.47E-158	VEC
Cyb5a2	0.72204094	4.03E-158	VEC
Ano61	0.729439543	2.15E-157	VEC
Sat11	1.123635198	4.27E-156	VEC
Mid1ip11	0.631215604	5.14E-156	VEC
Btg21	1.378872622	3.03E-155	VEC
Trib2	0.623593088	4.42E-155	VEC
Sh3glb1	0.664434927	4.36E-154	VEC
Zfp5031	0.673000104	3.25E-153	VEC
Tcn2	0.655358916	1.99E-152	VEC
Abhd17a	0.730495889	2.26E-152	VEC
Psmb92	0.755401482	4.49E-150	VEC
Anxa52	0.534442884	6.93E-150	VEC
Kbtbd2	0.485494154	1.41E-147	VEC
Elov11	0.590971846	1.43E-147	VEC
Parp14	0.770437236	1.70E-147	VEC
Jam31	0.86475633	3.04E-147	VEC
Tmem184b	0.526564236	5.52E-146	VEC
Cdc42	0.621023539	2.50E-144	VEC
Cyb5r31	0.682705412	2.90E-144	VEC
Mknk2	0.63976355	1.06E-143	VEC
Ifit21	0.799578778	8.07E-142	VEC
Tacc2	0.540071672	2.78E-141	VEC
Cebpb1	0.582435014	3.43E-141	VEC
B3gnt2	0.883267181	2.15E-140	VEC
Rhoc2	0.690787184	5.64E-140	VEC
Ubc2	0.778599944	6.53E-140	VEC
Dusp31	0.620596936	8.10E-140	VEC
Wwc21	0.50983366	1.01E-139	VEC
Adam101	0.557239223	2.50E-139	VEC
Cfl11	0.604585448	7.71E-139	VEC
Fem1a	0.628727073	4.25E-138	VEC
Selenof2	0.654955253	8.57E-138	VEC
Ppia1	0.691572248	1.13E-137	VEC
Dpagt1	0.515174067	2.27E-137	VEC
Tap1	0.661685785	3.51E-136	VEC
Vamp31	0.56473523	5.32E-136	VEC
Marchf21	0.665327949	1.39E-135	VEC
Rps181	0.50899054	6.28E-135	VEC
Gnai3	0.658261239	7.41E-135	VEC
Septin41	0.622554132	2.44E-134	VEC

Rps51	0.554886144	4.64E-134	VEC
Rpl181	0.542347146	1.23E-133	VEC
Shisa52	0.680808759	3.28E-133	VEC
Reep31	0.616506318	5.15E-133	VEC
Gas61	0.696818549	9.17E-133	VEC
Leprot1	0.581364854	1.76E-131	VEC
Wbp111	0.668283147	5.96E-131	VEC
LOC100911847	0.489901431	1.37E-130	VEC
Sft2d11	0.636511919	1.80E-130	VEC
Nucb12	0.694653129	2.36E-130	VEC
Crtap111	0.657730897	2.62E-130	VEC
St3gal2	0.511417386	4.57E-130	VEC
Hmcn11	0.501083393	1.17E-129	VEC
Picalm	0.634213048	1.68E-129	VEC
AABR07002683.12	0.666213429	2.74E-128	VEC
Uap1	0.697974785	1.87E-127	VEC
Rps281	0.560825337	2.40E-127	VEC
Sem11	0.638295671	3.37E-127	VEC
Plk21	0.598937332	1.30E-125	VEC
Myl12b	0.655360837	2.65E-125	VEC
Peli1	0.482835164	5.94E-125	VEC
Ppp2r5a	0.567262182	9.96E-125	VEC
Slk1	0.5587878	1.44E-124	VEC
Spag9	0.646345584	2.94E-124	VEC
Hmg20b	0.534056528	2.98E-124	VEC
Pdcd101	0.520523536	4.26E-124	VEC
Lgals31	0.603683404	8.22E-124	VEC
Adamts11	0.804381191	1.60E-121	VEC
Abrac11	0.630135015	2.51E-121	VEC
Rpl291	0.508512582	9.93E-121	VEC
Vasp	0.5357534	4.41E-120	VEC
Lats21	0.492247001	2.03E-119	VEC
Arhgef2	0.504249347	7.29E-119	VEC
Fstl12	0.426823438	1.01E-118	VEC
AABR07000398.12	0.730250065	1.07E-118	VEC
Rps11	0.476016565	4.44E-118	VEC
Cdc42bpb	0.564958503	6.01E-118	VEC
Arhgef1	0.508398987	9.19E-118	VEC
Ttc281	0.615853742	1.11E-117	VEC
Ltbr1	0.662116009	2.20E-117	VEC
Mprp1	0.67895711	6.87E-117	VEC
Ppp1r18	0.447870346	1.44E-116	VEC
Mt12	1.197808793	4.88E-116	VEC

Pdpf1	0.669757938	1.12E-115	VEC
Lmna2	0.543672079	1.85E-115	VEC
Lamtor4	0.603850321	2.52E-115	VEC
Dock1	0.572067087	3.44E-115	VEC
Rps6ka3	0.478993992	5.65E-115	VEC
Tbc1d2b1	0.687973508	8.29E-115	VEC
Rbms2	0.493667004	1.14E-113	VEC
Map3k3	0.509070833	2.34E-113	VEC
Mylk1	0.997296083	5.05E-113	VEC
Arpc2	0.559677961	3.20E-112	VEC
Vat12	0.481446089	5.52E-111	VEC
Ifngr1	0.428031215	6.50E-111	VEC
Rps231	0.421916421	1.24E-110	VEC
Mbd21	0.585337141	1.72E-110	VEC
Lamp22	0.537163051	2.42E-110	VEC
Vcl2	0.693641078	2.70E-109	VEC
Map7d1	0.599392999	2.80E-109	VEC
LOC1083481751	0.4427001	4.24E-109	VEC
Colgalt1	0.478636167	4.84E-109	VEC
Mink1	0.467161023	8.31E-109	VEC
Irf11	0.788501171	1.03E-108	VEC
S100a131	0.511367285	1.86E-107	VEC
Srsf91	0.491481025	2.16E-107	VEC
Palm	0.577746167	5.19E-107	VEC
Nudt41	0.624622327	8.19E-107	VEC
Tacc12	0.521684603	1.28E-106	VEC
Prdx12	0.483266185	2.32E-105	VEC
Tgfbr32	0.523395468	6.23E-103	VEC
Rara1	0.582959023	1.04E-102	VEC
Psmb10	0.610795669	3.11E-102	VEC
Rps161	0.41232655	3.71E-102	VEC
Gna121	0.482700998	4.66E-102	VEC
Dctn2	0.582690461	4.67E-102	VEC
Golim41	0.622631569	2.49E-101	VEC
Pcnx1	0.482285468	8.11E-101	VEC
Stat61	0.581907166	8.78E-101	VEC
Ndufa8	0.550185476	3.68E-100	VEC
Rapgef2	0.413882685	6.30E-100	VEC
Phc2	0.478415291	9.90E-100	VEC
Nck1	0.482440487	1.67E-99	VEC
Prdx62	0.511867122	2.08E-99	VEC
AABR07007032.1	0.528561835	2.95E-99	VEC
Gadd45b2	0.842814778	7.56E-99	VEC

Adarb1	0.544454081	1.67E-98	VEC
Wfdc11	1.107874726	2.31E-98	VEC
Filip1l2	0.844266938	2.56E-98	VEC
Rpl27a1	0.3775839	5.11E-98	VEC
Bax1	0.549314539	7.41E-98	VEC
Ppib2	0.454561533	1.29E-97	VEC
Glud11	0.583846047	1.35E-97	VEC
Rela1	0.475888243	2.04E-97	VEC
Rbm31	0.503669772	2.97E-97	VEC
Map1lc3a2	0.60627689	4.46E-96	VEC
Shc11	0.544866281	2.44E-95	VEC
RT1-A1	0.312232857	7.37E-95	VEC
Hsp90ab11	0.412327374	2.15E-94	VEC
Slc39a12	0.594132706	2.22E-94	VEC
Cmip	0.587494057	6.28E-94	VEC
Mvb12a2	0.5768049	1.46E-93	VEC
Git2	0.447773366	4.49E-93	VEC
Orai11	0.391663664	8.84E-93	VEC
Ephx11	0.666522503	9.55E-93	VEC
Slc66a2	0.47152599	1.44E-92	VEC
Rps271	0.390073502	2.68E-92	VEC
Lysmd21	0.498690283	3.31E-92	VEC
Rock1	0.602746455	1.14E-91	VEC
Wipi11	0.429208437	2.02E-91	VEC
Rpl37a1	0.377212327	5.92E-91	VEC
Cyba1	0.269874107	1.86E-90	VEC
Ptbp1	0.520690191	1.91E-90	VEC
Dnase2	0.482782879	2.42E-90	VEC
Cmtm6	0.439203706	4.68E-90	VEC
Pltp1	0.920037266	5.69E-90	VEC
Dipk1b	0.594378792	5.53E-89	VEC
Tax1bp32	0.443581293	4.71E-88	VEC
Flna2	1.03515418	6.77E-88	VEC
Gatad2a	0.391941872	4.13E-87	VEC
Agfg1	0.378260035	7.97E-87	VEC
Egr11	0.59245892	8.01E-87	VEC
Nr2f61	0.466739263	8.84E-87	VEC
LOC687780	0.351777615	1.27E-86	VEC
Acap2	0.48015746	3.65E-86	VEC
Bnip2	0.422620869	6.84E-86	VEC
Sav1	0.36962242	7.40E-86	VEC
Pdcd62	0.486824542	9.65E-86	VEC
St6galnac2	0.361259308	1.24E-85	VEC

Tmpo1	0.383701967	3.97E-85	VEC
Rrbp12	0.525474109	4.22E-85	VEC
Septin71	0.594406954	4.56E-85	VEC
Hspa1b2	1.145585909	9.39E-85	VEC
Ninj11	0.323966244	3.44E-84	VEC
Tcf41	0.556806045	3.80E-84	VEC
Eif4h	0.486123251	9.88E-84	VEC
Slc39a10	0.674227994	1.01E-83	VEC
Sri1	0.563840387	1.22E-83	VEC
Rps19l2	0.536043294	1.47E-83	VEC
LOC1003600571	0.442411015	3.00E-83	VEC
Ppp1r12a	0.830878169	2.64E-82	VEC
LOC6918071	0.441316459	9.46E-82	VEC
Fbxw2	0.381025048	1.06E-81	VEC
Cald12	0.903909314	2.62E-80	VEC
Vps4b1	0.476150961	1.91E-79	VEC
Chmp2b1	0.442060458	2.72E-79	VEC
Rab5c1	0.465732416	3.10E-79	VEC
Stat31	0.492742622	5.09E-79	VEC
Rps4x.11	0.36605109	6.64E-79	VEC
Pik3c2a	0.420523904	1.20E-78	VEC
Rab1a	0.473547667	5.67E-78	VEC
Mob1a	0.380358215	7.19E-78	VEC
Rock21	0.495931999	8.55E-78	VEC
Sema6d2	0.514898516	1.65E-77	VEC
Dst1	0.480166033	3.03E-76	VEC
Grn2	0.315429407	4.33E-76	VEC
Tmem205	0.423918288	9.07E-76	VEC
Ccnd31	0.424098863	1.53E-75	VEC
Htra11	0.347030244	3.84E-75	VEC
Ctdsp12	0.444022591	4.97E-75	VEC
Arpc4	0.447672151	3.36E-74	VEC
Bcl10	0.348609106	3.76E-74	VEC
Dbp1	0.389317619	8.94E-74	VEC
Dnm2	0.358572786	1.49E-73	VEC
Fam76b	0.398071144	1.81E-73	VEC
Rps17	0.396135075	3.93E-73	VEC
Anxa71	0.473956674	4.91E-73	VEC
Bhlhe401	0.550145914	5.60E-73	VEC
Ak32	0.430094294	8.32E-73	VEC
Cd472	0.465423467	9.01E-73	VEC
N4bp1	0.386136353	9.08E-73	VEC
Rpl36a1	0.383220515	1.24E-72	VEC

Arpc3	0.424107547	2.02E-72	VEC
Apoe1	0.512236105	3.61E-72	VEC
Avpi11	0.438780287	4.86E-72	VEC
Rps91	0.36513117	2.05E-71	VEC
Arpc1a1	0.426297862	2.49E-71	VEC
Hm13	0.50893838	2.98E-71	VEC
Bri31	0.436422708	5.40E-71	VEC
Sptan11	0.497050555	6.95E-71	VEC
Cxcl121	0.821122723	1.34E-70	VEC
Dag12	0.469313064	1.46E-70	VEC
Acaa2	0.3809164	2.62E-70	VEC
Sppl2a	0.419313442	1.39E-69	VEC
Fcho2	0.374559012	1.57E-69	VEC
Rps3a1	0.422637727	1.62E-69	VEC
Jag11	0.339599204	2.04E-69	VEC
Nr3c1	0.419030781	7.65E-69	VEC
Tm9sf22	0.411946376	2.10E-68	VEC
Macf1	0.480709196	2.25E-68	VEC
Rps21	0.342536973	2.37E-68	VEC
Septin111	0.461190754	1.58E-67	VEC
21-Mar	0.437875293	8.08E-67	VEC
Crip12	0.826835012	8.23E-67	VEC
Yaf21	0.407006741	1.15E-66	VEC
Vgl142	0.493245879	7.64E-66	VEC
Eny2	0.431854674	6.02E-65	VEC
Rpl351	0.304299643	6.92E-65	VEC
Iqgap11	0.4422293	1.23E-64	VEC
Rps27l2	0.374022852	1.61E-64	VEC
Stim2	0.441425634	2.26E-64	VEC
Cdc42ep31	0.25343314	2.42E-64	VEC
Atox11	0.391209348	2.59E-64	VEC
Lamp12	0.38879626	3.65E-64	VEC
Dnajc101	0.408993672	2.37E-63	VEC
Ppp1r21	0.371863068	1.38E-62	VEC
Pdcd6ip1	0.413383845	2.61E-62	VEC
Fbn11	0.458463107	4.19E-62	VEC
LOC1083491891	0.424571333	4.50E-62	VEC
Bag31	0.449869505	6.32E-62	VEC
Aprt2	0.452266926	7.05E-62	VEC
Cat1	0.392615552	8.94E-62	VEC
Fyn1	0.357461357	1.66E-61	VEC
Eci31	0.391828232	2.88E-61	VEC
Sdc32	0.558225805	1.29E-60	VEC

Il6st2	0.467334138	2.04E-60	VEC
Eif3b	0.386711415	3.50E-60	VEC
Txndc172	0.384006828	5.75E-60	VEC
Rpl15	0.303394946	1.41E-59	VEC
Camk2g	0.266559245	1.20E-58	VEC
Rdx1	0.375404197	1.45E-58	VEC
Rab2a1	0.385742058	2.94E-58	VEC
Adgrl21	0.404397438	1.32E-57	VEC
Cyfip11	0.357832946	5.91E-57	VEC
Etl41	0.295825995	8.78E-57	VEC
Fgfr1op2	0.335042632	2.69E-55	VEC
Lima11	0.44613187	1.68E-54	VEC
Heca	0.345429024	3.03E-54	VEC
Degs1	0.382897584	3.44E-54	VEC
Mapre1	0.359299534	8.80E-54	VEC
Ywhaz1	0.41481103	8.98E-54	VEC
Ncstn1	0.407206808	9.91E-54	VEC
Pttg1ip2	0.307415951	1.47E-53	VEC
Rab7a2	0.357479924	1.56E-53	VEC
Rpl111	0.300136115	1.69E-53	VEC
Rheb1	0.367929018	1.72E-53	VEC
Nfia1	0.415744788	2.03E-53	VEC
Ifnar1	0.41974898	4.83E-53	VEC
Gnas.11	0.449620103	5.05E-53	VEC
Hras	0.390273913	1.23E-52	VEC
Parva2	0.422492613	1.46E-52	VEC
Ddit4	0.301712467	4.34E-52	VEC
Mdfic1	0.352975175	6.14E-52	VEC
Cap1	0.366426441	6.49E-52	VEC
Ywhaq	0.402955842	9.86E-52	VEC
Ube2g1	0.278659198	1.37E-51	VEC
Fam32a	0.342799401	1.47E-51	VEC
Aph1a	0.294912499	3.52E-51	VEC
Psmc13	0.352772671	3.94E-51	VEC
Wdr11	0.362493575	4.60E-51	VEC
Tmem30a1	0.352064676	1.81E-50	VEC
Egln2	0.380750187	2.13E-50	VEC
Numa11	0.315744731	3.03E-50	VEC
Usp251	0.438303563	4.97E-50	VEC
Ubxn1	0.389436897	2.64E-49	VEC
Lage3	0.314465052	2.91E-49	VEC
Selenoh2	0.406925689	2.93E-49	VEC
LOC1003608411	0.358204	5.70E-49	VEC

RGD1308430	0.27978975	6.16E-49	VEC
Rgs2	0.473136136	8.15E-49	VEC
Rpl3	0.355466361	9.15E-49	VEC
Psme21	0.408096144	2.87E-48	VEC
Nr1d22	0.389120736	5.27E-48	VEC
Mylip1	0.434596045	1.29E-47	VEC
Tcp1l12	0.352717909	2.51E-47	VEC
Eif4g1	0.383928566	6.30E-47	VEC
Kdelr11	0.322123448	9.92E-47	VEC
Rpsa1	0.274448449	1.08E-46	VEC
Tkt1	0.292302696	1.27E-46	VEC
Bzw1	0.342800908	2.18E-46	VEC
Rexo21	0.331534193	3.51E-46	VEC
Rpl31	0.318887498	5.58E-46	VEC
Ywhah	0.28928595	6.25E-46	VEC
Map4	0.310088633	1.74E-45	VEC
Lrp102	0.371587478	1.78E-45	VEC
Map4k42	0.408790794	3.29E-45	VEC
Tgoln2	0.352496994	3.70E-45	VEC
Brk11	0.321800062	4.69E-45	VEC
Nfkb11	0.336264607	5.42E-45	VEC
Arf6	0.288433783	7.05E-45	VEC
Rpl231	0.258180944	8.70E-45	VEC
Hipk1	0.379813379	1.48E-44	VEC
Cox4i2	1.104896999	2.25E-44	VEC
Ccdc502	0.388699636	2.48E-44	VEC
Erbin1	0.346937625	3.10E-44	VEC
Dynl12	0.341866395	4.45E-44	VEC
Hdac1	0.343117445	4.83E-44	VEC
Tp531	0.279682136	5.58E-44	VEC
Psm61	0.335548571	7.85E-44	VEC
Cdk2ap12	0.357720658	8.57E-44	VEC
Dph31	0.315784339	1.14E-43	VEC
Col4a41	0.788085729	1.72E-43	VEC
Dennd5a	0.374383125	2.58E-43	VEC
Ppp1ca	0.308117005	4.64E-43	VEC
Arf42	0.346038138	5.88E-43	VEC
Tef1	0.385087696	6.90E-43	VEC
Serf21	0.319669393	7.08E-43	VEC
Ppp2r2a	0.320145756	9.21E-43	VEC
Rasa1	0.281583186	1.73E-42	VEC
Capza2	0.31426219	2.62E-41	VEC
Tmem592	0.293988724	2.95E-41	VEC

S100a112	0.279200423	3.35E-41	VEC
Ywhab	0.299448287	3.88E-41	VEC
Jak1	0.317397476	5.25E-41	VEC
Rpp212	0.308430373	5.72E-41	VEC
Nr1d12	0.319981062	6.31E-41	VEC
Rpl321	0.29557838	7.07E-41	VEC
Bnip3l	0.352666108	8.25E-41	VEC
Tspan62	0.413061176	1.17E-40	VEC
Arf51	0.360356242	2.38E-40	VEC
LOC685963	0.337960451	2.91E-40	VEC
Ostm1	0.270124796	7.05E-40	VEC
Eef1g	0.335171412	8.69E-40	VEC
Rab11b	0.262709114	9.10E-40	VEC
Rpl141	0.259979033	1.01E-39	VEC
Rab101	0.270818323	1.25E-39	VEC
Tubb4b1	0.265710256	1.81E-39	VEC
Glmpl	0.308700896	2.56E-39	VEC
Srpra1	0.346067058	1.08E-38	VEC
Rpl121	0.272037749	1.83E-38	VEC
Herpud11	0.281405733	2.14E-38	VEC
AABR07015057.1	0.396022657	2.19E-38	VEC
Mier1	0.287505618	2.32E-38	VEC
Manbal	0.281627673	5.93E-38	VEC
Isca1	0.274485997	7.29E-38	VEC
Hnrnpab	0.291834251	7.35E-38	VEC
Cdk191	0.340568556	7.93E-38	VEC
Lasp11	0.339651271	2.26E-37	VEC
Tprg111	0.329430358	3.89E-37	VEC
Capzb	0.290164919	4.60E-37	VEC
Chmp51	0.291554313	5.77E-37	VEC
Akr1a12	0.317208903	7.59E-37	VEC
Cers5	0.26305886	8.62E-37	VEC
Ptms1	0.329279094	1.72E-36	VEC
Actg11	0.348401256	1.78E-36	VEC
Smim141	0.375768367	1.95E-36	VEC
Eef1a11	0.266041628	2.59E-36	VEC
Micos132	0.296196657	3.51E-36	VEC
Gabarap2	0.298302449	5.27E-36	VEC
Rps101	0.257213992	7.23E-36	VEC
Aph1b2	0.324369606	2.07E-35	VEC
Rpl361	0.252787616	2.62E-35	VEC
Eif61	0.308525024	3.32E-35	VEC
Atp5pf	0.258803134	8.35E-35	VEC

Rpl6l	0.256715095	5.49E-34	VEC
Ech12	0.287892196	7.59E-34	VEC
Prdx42	0.260451031	9.57E-34	VEC
Mrps26	0.449149931	9.71E-34	VEC
Gdi21	0.303703829	1.39E-33	VEC
Prkar1a	0.268993976	2.06E-33	VEC
Psmb31	0.276459695	2.56E-33	VEC
Acot91	0.331816219	9.38E-33	VEC
Fam89b	0.291950185	1.09E-32	VEC
Naa38	0.275549119	1.13E-32	VEC
LOC100912618	0.271786707	1.22E-32	VEC
Morf4l12	0.260907519	2.76E-32	VEC
Mrps231	0.31392365	3.04E-32	VEC
Eef21	0.282957114	3.07E-32	VEC
Rps131	0.252207262	4.25E-32	VEC
Bola21	0.263275576	7.43E-32	VEC
Adss	0.296672097	9.33E-32	VEC
Mesd2	0.284978106	4.85E-31	VEC
Eif5a	0.260058638	1.04E-30	VEC
Eif3i	0.291693557	1.95E-30	VEC
Gtf2i	0.259398109	3.46E-30	VEC
Klfl132	0.317590143	5.87E-30	VEC
Stat1	0.308938008	6.22E-30	VEC
Ppial4d1	0.306656984	6.60E-30	VEC
Nfe2l22	0.25266772	8.81E-30	VEC
Tmed101	0.25108865	1.31E-29	VEC
Iscu2	0.256750358	2.78E-29	VEC
Arl6ip5	0.259562463	2.98E-29	VEC
Idh21	0.28040115	6.58E-29	VEC
Ncor22	0.299140012	8.51E-29	VEC
Magt12	0.326624463	1.48E-28	VEC
Camsap2	0.254181344	3.07E-28	VEC
Pdia32	0.264794807	1.80E-27	VEC
Anxa62	0.340509604	1.60E-25	VEC
Aga2	0.342064813	3.38E-25	VEC
Slc38a21	0.309305561	1.17E-24	VEC
Ppp1r9b	0.311498095	1.47E-24	VEC
Tpm21	1.910798938	2.45E-24	VEC
Tmem14c1	0.254965649	1.96E-21	VEC
Arl4a	0.326973419	5.57E-20	VEC
Lgals3bp1	0.261328258	3.24E-19	VEC
Btg11	0.264492672	3.49E-19	VEC
Susd6	0.252711322	1.91E-14	VEC

Atp2a21	0.424905748	2.95E-13	VEC
Akap131	0.320632163	4.89E-12	VEC
Ccn22	0.302144582	8.33E-06	VEC
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Amigo2	2.745392974	0	BP
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Gabra1	2.359237983	0	BP
Faim2	2.30050415	0	BP
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Wnk2	0.518637106	0	BP
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Adarb11	0.860864568	4.98E-300	BP
Suclg1	0.891961813	8.31E-300	BP
Vegfa	0.814032977	1.11E-299	BP
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Camkk1	0.5851263	2.25E-295	BP
Fam162a	0.925286076	4.64E-295	BP
Higd1a	0.936532277	1.58E-294	BP
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Cnrip1	0.696488753	1.45E-285	BP
Uqcc2	0.871909569	2.03E-285	BP
Smap2	0.891283019	8.60E-285	BP
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Cox17	0.880943082	2.42E-283	BP
Ywhab1	0.939763895	6.08E-282	BP
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Polr2k1	0.792557537	1.73E-274	BP
Atp6v0a1	0.848010251	1.54E-273	BP
Slc1a7	0.615914828	7.26E-273	BP

Gucyl1a11	1.055843597	1.31E-271	BP
Bex31	0.909482047	2.90E-270	BP
Clcn3	0.585173416	2.22E-269	BP
Rabl6	0.850420241	6.90E-269	BP
Cox7b	0.838363678	1.53E-268	BP
Gngt2	1.79770972	1.43E-266	BP
Vav3	0.937337793	2.85E-266	BP
Prkaca	0.818106075	6.56E-266	BP
Ndufs51	0.807374913	6.57E-263	BP
Nedd8	0.821899786	1.76E-262	BP
Evl	0.822857833	1.62E-261	BP
Laptm4b1	0.709972895	3.46E-261	BP
Rraga	0.939246421	7.62E-260	BP
Fry1	0.745806269	6.55E-256	BP
Ndufb21	0.786976605	1.05E-255	BP
Ubl31	0.899693015	6.45E-255	BP
Lrp11	0.568965385	1.42E-254	BP
Fdps	0.823330929	4.98E-254	BP
Cox4i1	0.709988622	7.32E-254	BP
Ahi1	0.710277372	4.44E-253	BP
Cpeb4	0.666047305	8.63E-253	BP
Ncdn	0.684074897	2.34E-252	BP
Podxl2	0.755398746	4.47E-251	BP
Ndufs2	0.76903621	2.21E-249	BP
Atp5flc1	0.767071754	8.94E-248	BP
Kif13a	0.930640412	1.11E-246	BP
Taf1d1	0.683136723	6.11E-246	BP
Higd2a	0.858561958	1.35E-244	BP
Fam204a	0.724553218	8.01E-244	BP
Tuba1a1	0.8606641	8.35E-244	BP
Pgm1	0.885664889	6.60E-243	BP
Uqcrfs11	0.747410406	6.86E-240	BP
Aak1	0.496253213	1.17E-239	BP
Pxylp1	0.724516689	3.10E-239	BP
Zmiz11	0.983256878	5.63E-239	BP
Rtn3	0.753873292	2.58E-238	BP
Ccdc88a	0.899554579	8.99E-238	BP
Atp5flb1	0.681693656	3.95E-237	BP
Hif1a1	0.683039493	5.00E-237	BP
Cpe1	0.775464103	6.14E-237	BP
Nucb2	1.088509962	6.81E-237	BP
Hspa4	0.80602591	3.14E-236	BP
Acot7	0.636366463	4.90E-234	BP

Ndufa13	0.735397035	7.06E-234	BP
Dynll2	0.728150498	2.43E-233	BP
Sumo1	0.770890839	2.79E-231	BP
Mrfap1	0.773985814	3.62E-231	BP
Sqstm11	0.858122939	2.06E-230	BP
Ldb21	0.838639475	2.54E-230	BP
Lpgat11	0.712955134	6.97E-230	BP
Cdh21	0.429460009	4.14E-228	BP
Adgrl22	0.930488605	6.12E-228	BP
Ppia2	0.904037854	6.62E-228	BP
Atp5po	0.765298192	6.80E-228	BP
Flywch1	0.745330873	1.92E-227	BP
Uqcrc2	0.766921223	1.04E-226	BP
Fmc11	0.67893653	1.15E-224	BP
Acyp2	0.714048394	2.19E-224	BP
Timm8b	0.739419362	3.21E-224	BP
Gls1	0.769312266	3.71E-224	BP
Myo5a	0.553991065	3.96E-223	BP
Dtx3	0.690779688	5.76E-223	BP
Ndufab1	0.731401591	1.11E-222	BP
Usp2	0.458558699	1.52E-219	BP
Chmp52	0.730236097	2.08E-215	BP
Tceal91	0.865031294	5.44E-214	BP
Atp5if1	0.693071168	7.99E-213	BP
Rogdi	0.570753456	3.43E-212	BP
Ndufb7	0.715989036	1.05E-211	BP
Luc7l31	0.577616527	2.63E-211	BP
Ankrd40	0.653334047	6.27E-211	BP
Prxl2a	0.604855546	4.53E-210	BP
Scamp1	0.660323985	7.83E-208	BP
Mocs2	0.666382188	1.92E-207	BP
Zranb1	0.504473273	3.90E-207	BP
LOC100912564.2	0.759704273	1.32E-206	BP
Imp31	0.624876286	1.44E-206	BP
Ctbp21	0.499297891	2.58E-206	BP
Mt-nd32	0.752804105	5.48E-206	BP
Dynlrb11	0.712036299	2.77E-205	BP
Stom1	0.663245464	4.20E-205	BP
Stx31	0.397795881	1.34E-204	BP
Hpf1	0.595863755	2.11E-204	BP
Hnrnpa11	0.730537787	4.96E-204	BP
Stxbp11	0.40189462	9.43E-204	BP
Atp5fld	0.688075979	9.87E-203	BP

Atp5pf1	0.680006566	1.85E-202	BP
Tmx4	0.710642563	2.59E-201	BP
Prrt1	0.646879896	3.01E-201	BP
Ca111	0.701644268	6.26E-201	BP
Phpt1	0.699040879	1.59E-200	BP
Cox7a2l2	0.632240689	1.01E-199	BP
Atp5pd	0.659805546	1.66E-199	BP
Calm2	0.804094411	2.65E-199	BP
Idh3g	0.662075554	1.41E-198	BP
Psm4	0.728726981	4.99E-198	BP
Ndufb91	0.65558589	6.70E-196	BP
Ccdc28b	0.515542823	7.31E-196	BP
Sugt1	0.661159397	2.36E-195	BP
Alg2	0.611496519	2.60E-195	BP
Pqbp1	0.619139855	2.85E-195	BP
Rab3ip	0.410926139	2.96E-195	BP
Tanc1	0.666686378	2.89E-194	BP
Dtd1	0.700049458	4.31E-194	BP
Tti1	0.55297402	8.17E-194	BP
Atxn10	0.685880312	8.23E-194	BP
Ensa1	0.535839533	5.73E-193	BP
Tmem199	0.574649642	8.22E-193	BP
Eif1b1	0.626332221	2.34E-191	BP
Bin1	0.571555886	1.23E-190	BP
LOC100361025	0.680379387	2.69E-189	BP
Hes6	0.608682558	3.54E-189	BP
Zfp462	0.557000822	3.98E-189	BP
Smarca4	0.611237708	2.23E-188	BP
Dmxl2	0.487237798	2.38E-188	BP
Kif1b1	0.504861205	2.94E-188	BP
Zfhx3	0.658982988	1.76E-187	BP
Ndufa6	0.64553259	2.99E-186	BP
Cct81	0.629169204	3.53E-186	BP
Atp5fle	0.628927428	1.21E-185	BP
Emc8	0.629988812	1.87E-184	BP
Etaa1	0.537499904	3.22E-183	BP
Tnk2	0.532397737	8.22E-183	BP
Desi1	0.472032001	3.19E-182	BP
Camk2d	0.446867246	7.08E-182	BP
Gem1	0.670941439	2.64E-181	BP
Tef2	0.697837481	3.19E-181	BP
Nlk1	0.283156261	4.53E-181	BP
Zc3h6	0.53346774	8.44E-181	BP

Ehbp1	0.576804796	8.76E-181	BP
Mkks	0.669529608	8.86E-181	BP
Uqerb.11	0.555593641	9.71E-181	BP
Ndufb5	0.624480657	1.21E-180	BP
Aig1	0.608104322	8.23E-180	BP
Rnf145	0.649148014	1.61E-179	BP
Clasp2	0.601942814	1.86E-179	BP
Ndufa5	0.631522921	2.71E-179	BP
B3gat3	0.675712846	2.77E-179	BP
Guk11	0.545626067	3.75E-179	BP
Myef2	0.453512556	3.77E-179	BP
Zfp955a	0.513711767	2.44E-178	BP
Stxbp5	0.733081693	4.13E-178	BP
Dctn11	0.506384456	6.54E-178	BP
Nsd1	0.607481527	3.09E-177	BP
Atp5mg1	0.562635283	2.92E-176	BP
Tmem222	0.57703908	3.62E-176	BP
Zfp354c	0.611022415	7.92E-176	BP
R3hdm2	0.619190176	5.50E-175	BP
Herc2	0.662001818	9.25E-175	BP
Usp11	0.603156247	6.01E-174	BP
Dcaf7	0.623808787	8.72E-174	BP
Ndufb111	0.577962738	1.56E-173	BP
Wdr6	0.333184391	1.92E-173	BP
Rufy3	0.382585347	4.01E-173	BP
Sub1	0.643586874	6.66E-173	BP
Tmcc2	0.489665775	6.76E-173	BP
Nr1d13	0.666060629	1.26E-172	BP
Hnrnph11	0.527943211	1.26E-172	BP
Txn2	0.670731118	1.55E-172	BP
Bnip3l1	0.722741274	1.26E-171	BP
Ccdc186	0.539984235	1.32E-171	BP
Cox6b1	0.635561353	1.58E-171	BP
Aff41	0.672935561	2.63E-171	BP
Mycbp2	0.708864755	2.95E-171	BP
Zfr1	0.624518469	1.18E-170	BP
Ywhaq1	0.654205015	2.11E-170	BP
Auh	0.458193337	3.19E-170	BP
Rtca	0.597926882	1.20E-169	BP
Pitpna	0.665480248	1.42E-169	BP
Prnp2	0.54124814	2.23E-169	BP
Cfh	0.895558456	1.13E-168	BP
Atxn7l3b1	0.523604725	1.23E-168	BP

Ncam11	0.335474747	7.64E-168	BP
Lanc11	0.541725045	9.05E-168	BP
Eno11	0.426501256	1.19E-167	BP
Gabarapl2	0.585467611	1.43E-167	BP
Tceal1	0.587641323	4.04E-167	BP
Taok3	0.451471004	2.63E-166	BP
Chd4	0.66933367	3.10E-166	BP
Cct71	0.609707448	1.46E-165	BP
Tmem9	0.582721092	8.05E-165	BP
Pigk	0.682548111	1.01E-164	BP
Mpc12	0.73249609	1.35E-164	BP
Chd9	0.482140066	1.44E-164	BP
AABR07051450.1	0.516770358	5.38E-164	BP
Cox6c1	0.509369332	8.48E-164	BP
Nicn1	0.519085859	1.47E-163	BP
Srpk2	0.462655749	1.74E-163	BP
Ndufb31	0.564949653	3.64E-163	BP
Akap11	0.558640333	3.81E-163	BP
Upf3b1	0.32938518	4.87E-163	BP
Fam169a	0.292497159	1.81E-162	BP
Ndufv2	0.581485598	3.49E-162	BP
Fam210a	0.531426055	2.13E-160	BP
RGD1304622	0.366351228	2.77E-160	BP
Idh3a	0.478575889	3.63E-160	BP
Rail	0.594016037	2.25E-159	BP
Ndufa41	0.357802697	2.74E-159	BP
Mrps25	0.570089254	3.71E-159	BP
Ndufs7	0.624743585	3.80E-159	BP
Edf11	0.569651349	4.70E-159	BP
Gnl31	0.64744258	5.03E-158	BP
Dhx36	0.504353571	2.06E-157	BP
Bcas2	0.595941793	3.67E-156	BP
Sec621	0.471984206	9.53E-156	BP
Zfp329	0.334130102	1.70E-155	BP
Trmt112	0.566715208	6.34E-155	BP
Npepps	0.478242533	2.44E-154	BP
Pmepa12	0.694005256	3.03E-154	BP
AABR07019086.1	0.564338426	8.79E-154	BP
Pam16	0.553034676	4.38E-153	BP
Pnn1	0.418271262	6.15E-153	BP
Ndufb4	0.536733746	7.94E-153	BP
Fam104a1	0.453264941	1.27E-152	BP
Npm1	0.592125732	1.52E-152	BP

Zfp609	0.547728218	2.97E-152	BP
Zdhhc17	0.370017033	4.10E-152	BP
Ywhae1	0.524686508	7.21E-152	BP
Rabggtb	0.581370957	9.89E-152	BP
Pkig1	0.630090384	3.70E-151	BP
Ubqln2	0.585867619	1.74E-150	BP
Ndufa81	0.537068004	6.03E-150	BP
Mrps18b	0.51723681	6.62E-150	BP
Hnrnpd1	0.552153333	1.04E-148	BP
Rybp	0.590422684	2.37E-148	BP
Ilf2	0.42237758	3.64E-148	BP
Macroh2a11	0.529444473	4.80E-148	BP
LOC6918072	0.503702197	1.62E-147	BP
Ndufb10	0.603978482	2.82E-147	BP
Pafah1b11	0.586323802	3.50E-147	BP
Atp6v1h	0.52522086	4.09E-147	BP
Sirt5	0.584801167	8.82E-147	BP
Pja2	0.563458759	1.17E-146	BP
Irf2bp1	0.467443122	2.05E-145	BP
Nol71	0.538458951	6.47E-145	BP
Fkbp4	0.43632752	8.18E-145	BP
Whrn	0.298378051	2.95E-144	BP
Maged11	0.644999279	7.11E-144	BP
Sars11	0.512557495	1.25E-143	BP
Gtf2h5	0.497849683	3.50E-143	BP
Ssu72	0.582495774	9.55E-143	BP
Swi5	0.540682384	3.82E-142	BP
Kifbp	0.389832684	4.02E-142	BP
Atn1	0.618850058	1.65E-141	BP
AABR07044711.11	0.292482177	8.04E-141	BP
Rnf220	0.530280991	1.18E-140	BP
Mrps28	0.566836646	1.90E-140	BP
Cwc151	0.47882732	3.11E-140	BP
Ank2	0.418471172	2.67E-139	BP
Ndufv1	0.56566954	3.55E-139	BP
Idi1	0.549357749	1.69E-138	BP
Paip21	0.506388047	4.56E-138	BP
Coq7	0.513842899	8.73E-138	BP
Zup1	0.412487803	1.04E-137	BP
Sipa113	0.424859804	1.30E-137	BP
Cadm1	0.278214259	3.28E-137	BP
Atp5mc1	0.555536705	3.60E-137	BP
Ppp2r5e1	0.502814054	2.77E-136	BP

Dnaja2	0.491140209	4.59E-136	BP
Pfdn11	0.404886592	9.05E-136	BP
Elob1	0.520738625	1.61E-135	BP
Hist1h2bq1	0.426282934	2.61E-135	BP
Fbxo9	0.486636552	3.30E-135	BP
Usp32	0.487482485	5.91E-135	BP
Ube2e3	0.586291129	7.07E-135	BP
Mrpl20	0.513449617	8.12E-135	BP
Wdr611	0.491708794	1.66E-134	BP
Cox5b	0.493208446	1.96E-134	BP
Tm2d1	0.514560084	2.62E-134	BP
Ube2m1	0.46800686	5.59E-133	BP
Prdx5	0.516940675	6.43E-133	BP
Ptgr2	0.388928085	1.08E-132	BP
Lsm8	0.574402462	1.51E-132	BP
RGD1305938	0.47662788	4.02E-132	BP
Pin1	0.47383181	5.19E-132	BP
Hacd31	0.420580564	6.79E-132	BP
Fcho21	0.784556909	1.01E-131	BP
Thoc7	0.524137746	3.14E-131	BP
Prmt11	0.458477224	5.65E-131	BP
Epm2aip11	0.377168909	5.91E-131	BP
Trappc6b	0.453389425	6.49E-131	BP
Dock72	0.61696712	7.08E-131	BP
Cltc	0.552517275	9.39E-131	BP
Taldo11	0.473442642	1.09E-130	BP
Slc6a8	0.592793401	1.90E-130	BP
Tifa	0.627758569	2.68E-130	BP
Nudt14	0.545350852	3.00E-130	BP
Strbp1	0.291923669	3.14E-130	BP
Acyp11	0.582173134	4.47E-130	BP
Atp6v1g12	0.463883629	4.76E-130	BP
Ola11	0.465149577	1.28E-129	BP
Msantd4	0.501516935	1.37E-129	BP
Zranb21	0.422695686	4.65E-129	BP
Ahcyl2	0.515790247	7.97E-129	BP
Mllt61	0.362744496	1.47E-128	BP
Psmb6	0.495067578	1.64E-128	BP
Zc3h151	0.428255385	3.71E-128	BP
Ndufs3	0.509399064	7.33E-128	BP
Trappc51	0.433575372	1.03E-127	BP
Ldha1	0.428959492	1.45E-127	BP
Psmb5	0.514216786	1.82E-127	BP

Hdgfl31	0.503283607	2.56E-127	BP
Chd61	0.407963903	2.79E-127	BP
Mrps14	0.44423013	4.94E-127	BP
Ube2d1	0.579274054	7.40E-127	BP
Akap81	0.413748196	1.47E-126	BP
Dnm11	0.441333759	1.94E-126	BP
Prrc2b	0.513774948	5.54E-126	BP
Ghitm1	0.270721351	2.26E-125	BP
Erh	0.473295493	3.40E-125	BP
Timm10b	0.46627489	5.00E-125	BP
Kpnb1	0.560426112	2.03E-124	BP
Cops61	0.446182127	2.52E-124	BP
Dst2	0.826847486	8.53E-124	BP
AABR07039356.21	0.520995947	1.01E-123	BP
Rfx7	0.445722357	3.21E-123	BP
Ube3a1	0.486563902	2.28E-122	BP
Hnrnp31	0.397245269	4.20E-122	BP
Vdac31	0.45379362	8.99E-122	BP
Rere1	0.487691623	1.16E-121	BP
Stim21	0.583722593	1.33E-121	BP
Nudt2	0.460843928	1.34E-121	BP
Sar1b1	0.432340154	1.90E-121	BP
Cfdp1	0.424260359	1.99E-121	BP
Tmem126b	0.461255545	7.35E-121	BP
Ddx171	0.380458914	1.13E-120	BP
Smap1	0.475401692	3.27E-120	BP
Eef1e1	0.41513021	3.46E-120	BP
Atp5f1a	0.451803799	7.15E-120	BP
Hnrnpa2b11	0.435358186	7.51E-120	BP
Vapa1	0.499458708	6.13E-119	BP
Ptov1	0.491208452	1.38E-118	BP
Lamtor5	0.491949386	1.43E-118	BP
Gadd45gip1	0.45493036	1.71E-118	BP
Ciapi1	0.335207346	2.81E-118	BP
Pafah1b3	0.53073328	5.53E-118	BP
Ube2v21	0.426381237	8.72E-118	BP
Ube2k	0.55519793	1.35E-117	BP
Mff	0.484299121	1.53E-117	BP
Daam11	0.52396416	1.97E-117	BP
Uqcrh1	0.440691981	2.00E-117	BP
Calm2.1	0.499009397	2.68E-117	BP
Ppig1	0.447182691	2.79E-117	BP
Arglu11	0.399992037	3.11E-117	BP

Ppial4d2	0.580230018	3.55E-117	BP
Sltn1	0.40332618	5.39E-117	BP
Ciao1	0.368209802	6.63E-117	BP
Tcp11	0.38380898	1.46E-116	BP
Rap1gds1	0.473557526	2.55E-116	BP
Mageh1	0.488984304	3.86E-116	BP
Atp5mc2	0.467296721	4.16E-116	BP
Pmpcb	0.439242728	6.58E-116	BP
Ndufa7	0.431722978	1.82E-115	BP
Rab14	0.465181421	1.91E-115	BP
Suco	0.483983494	4.16E-115	BP
Ndufaf3	0.428322502	8.24E-115	BP
Tcf25	0.439882224	1.12E-114	BP
Vdac2	0.436933142	1.49E-114	BP
Pitpnm1	0.36308795	1.57E-114	BP
Zfp911	0.386808941	4.14E-114	BP
Sod1	0.481617342	5.35E-114	BP
Pea151	0.416817771	5.54E-114	BP
Ncl1	0.392248767	3.30E-113	BP
Pkp4	0.338882667	4.70E-113	BP
Cyth31	0.540070814	5.39E-113	BP
Pfdn6	0.430493444	7.15E-113	BP
Zcchc91	0.397107983	9.24E-113	BP
Prpsap2	0.362467804	1.24E-112	BP
Mdh21	0.407487954	1.37E-112	BP
Cox6a11	0.399721627	1.60E-112	BP
Pigp	0.500729339	3.99E-112	BP
Glrx3	0.502298157	4.50E-112	BP
Rnf7	0.419966838	4.57E-112	BP
LOC108348144	0.446584981	8.96E-112	BP
Ndufa2	0.428542227	2.41E-111	BP
Ssb1	0.411094198	2.84E-111	BP
Zfp292	0.300994385	6.90E-111	BP
Zc3h131	0.289044701	2.28E-110	BP
Lrba	0.352691332	2.40E-109	BP
Rheb2	0.442735245	3.16E-109	BP
Cycl	0.447502948	4.74E-109	BP
Sulf21	0.76916793	8.05E-109	BP
Hsd17b8	0.40415032	8.63E-109	BP
Commd3	0.3987831	7.10E-108	BP
Ubl5	0.421415008	1.15E-107	BP
Dclre1a	0.417504625	2.68E-107	BP
Uqcrq	0.406974914	4.23E-107	BP

Cct51	0.423218681	7.69E-107	BP
Commd4	0.495101924	2.81E-106	BP
Srpkl	0.383278558	3.35E-106	BP
Leo1	0.357389516	3.38E-106	BP
RGD1566359	0.418818523	4.88E-106	BP
Paip11	0.416395564	7.78E-106	BP
Tbca1	0.446657145	1.09E-105	BP
Trappc211	0.479235753	6.16E-105	BP
Mxra7	0.413958643	8.85E-105	BP
Ddx241	0.32400221	1.69E-103	BP
Sdhh	0.441148603	2.92E-103	BP
Ccdc1241	0.404935482	3.54E-103	BP
Trim44	0.335082202	6.09E-103	BP
Cwf19l21	0.383837913	6.45E-103	BP
Tmed4	0.367151348	8.59E-103	BP
RGD15599091	0.504636042	1.09E-102	BP
Hikeshi1	0.472875183	1.37E-102	BP
Slc25a3	0.40672462	4.01E-102	BP
Hmgcs11	0.493366433	4.15E-102	BP
Atrx.1	0.329527189	4.75E-102	BP
Sfxn3	0.433273234	1.17E-101	BP
Gps1	0.43775617	1.20E-101	BP
Cct6a1	0.329003466	1.24E-101	BP
Snrnp701	0.25533747	4.33E-101	BP
Pkm	0.266392235	5.66E-101	BP
RGD1307947	0.339889389	7.49E-101	BP
Dctn3	0.402204054	1.16E-100	BP
Psmc51	0.375326375	4.12E-100	BP
Ubac1	0.372556493	1.31E-99	BP
Nme31	0.336975838	2.34E-99	BP
Ppil1	0.360145676	3.74E-99	BP
Pfdn2	0.352000788	5.26E-99	BP
Sdhe	0.390461284	6.20E-99	BP
Trappc3	0.414502741	1.02E-98	BP
Gtf2i1	0.460470929	3.40E-98	BP
Arl21	0.496189355	3.83E-98	BP
Cab39	0.544171847	3.90E-98	BP
Psmc6	0.446231982	1.24E-97	BP
Zmynd81	0.255851331	1.44E-97	BP
Canx	0.438305477	1.56E-97	BP
Atp5md	0.444354174	1.58E-97	BP
Eif3m	0.392115927	2.16E-97	BP
Yeats41	0.391138124	3.98E-97	BP

Mien1	0.38221016	1.29E-96	BP
Dctn6	0.413172821	1.96E-96	BP
Txndc15	0.450258387	3.53E-96	BP
Dnajb4	0.469209506	7.39E-96	BP
Actr101	0.378723359	9.35E-96	BP
Cuta	0.455896006	1.14E-95	BP
Cbx52	0.45070105	1.19E-95	BP
Usp14	0.452531808	1.46E-95	BP
Cmas	0.399341837	5.10E-95	BP
Nop101	0.352226341	5.51E-95	BP
Psmc5	0.378980482	5.56E-95	BP
Emc61	0.361023708	6.44E-95	BP
Polr2c1	0.365515387	1.61E-94	BP
Pdpf2	0.418657821	1.71E-94	BP
Hnrnpa3	0.439999758	4.74E-94	BP
Dhps	0.333213979	5.35E-94	BP
Hspd1	0.402994315	6.37E-94	BP
Polr2g	0.382253696	1.22E-93	BP
Mrpl3	0.413103414	1.33E-93	BP
Ociad1	0.398880344	1.75E-93	BP
Ccdc25	0.348831829	3.94E-93	BP
LOC1083491892	0.428487197	4.81E-93	BP
Mrps61	0.394710714	5.63E-93	BP
Ngrn	0.349492288	6.07E-93	BP
RGD1306063	0.450360529	7.59E-93	BP
LOC100362432	0.420244893	9.67E-93	BP
Mrpl151	0.348668662	1.59E-92	BP
Dpm2	0.437006546	1.83E-92	BP
Coa3	0.434133763	1.85E-92	BP
Psmg4	0.422392245	3.55E-92	BP
Ppp2r1a	0.493045157	6.37E-92	BP
Septin72	0.38332174	7.68E-92	BP
Sdha1	0.407825536	9.73E-92	BP
Rora	0.269015352	1.16E-91	BP
Ndufc1	0.331159853	2.01E-91	BP
Polr2m	0.427525403	2.80E-91	BP
Nrdc1	0.301904122	3.46E-91	BP
Trir	0.393123941	3.79E-91	BP
Rnps1	0.414057915	4.21E-91	BP
Sf3b2	0.361483045	5.00E-91	BP
Mea1	0.396714314	8.33E-91	BP
Anapc11	0.468614079	9.25E-91	BP
Psmc2	0.360997907	1.96E-90	BP

Nucks1	0.406228465	4.18E-90	BP
Appl1	0.367681466	6.44E-90	BP
Fbxo3	0.343498194	7.32E-90	BP
RGD1311703	0.378015811	1.04E-89	BP
Ap3s2	0.372208992	1.11E-89	BP
Timm10	0.390255527	1.26E-89	BP
Clock	0.343054023	2.65E-89	BP
Atp6v1c1	0.379378393	2.71E-89	BP
Ndufa91	0.364945271	5.26E-89	BP
Hsd17b12	0.325602871	5.56E-89	BP
Fibin1	0.529619436	6.97E-89	BP
RGD1307100	0.323034103	8.56E-89	BP
Timm131	0.330136201	1.15E-88	BP
Ckap41	0.51010241	1.54E-88	BP
Mrpl541	0.393919633	3.12E-88	BP
Grpel1	0.387742411	3.48E-88	BP
Fam120b	0.399233923	5.32E-88	BP
Eif4a2	0.384321399	5.41E-88	BP
Tsnax1	0.354212043	2.39E-87	BP
Suz12	0.281955977	3.11E-87	BP
Rsb11	0.251959572	3.16E-87	BP
Ncoa11	0.356562643	5.36E-87	BP
Oxr1	0.420748579	2.06E-86	BP
Puf601	0.375589255	2.46E-86	BP
Zfp6381	0.266254659	3.86E-86	BP
Akap91	0.280710465	5.16E-86	BP
Anp32b	0.354585312	7.32E-86	BP
Tspan3	0.364370955	7.37E-86	BP
Hnrnp11	0.340111469	9.79E-86	BP
U2af11	0.324905946	1.09E-85	BP
Isca21	0.35571744	1.32E-85	BP
Etnk1	0.252394825	3.66E-85	BP
Rsl24d1	0.361674583	5.02E-85	BP
LOC306766	0.382324977	8.81E-85	BP
Retreg2	0.350713726	1.14E-84	BP
Tpgs1	0.403408848	1.42E-84	BP
Trappc13	0.339161923	2.06E-84	BP
Spen	0.333024735	2.92E-84	BP
Ing2	0.514445469	4.43E-84	BP
Wdr551	0.334424819	6.29E-84	BP
Herc11	0.329418959	1.10E-83	BP
Rpl13a	0.413836153	1.17E-83	BP
Ppp6r11	0.32796203	1.43E-83	BP

Zmym4	0.295596425	1.77E-83	BP
Ddx11	0.314920077	3.52E-83	BP
Grina1	0.293419305	5.84E-83	BP
Psmb71	0.357987853	6.02E-83	BP
Eif4e1	0.342230407	6.21E-83	BP
Psmd8	0.340007998	9.32E-83	BP
Ptpn11	0.334570614	9.79E-83	BP
Ccni	0.398526965	2.51E-82	BP
Napa1	0.293035565	3.43E-82	BP
Armcx3	0.346747702	4.74E-82	BP
Vps28	0.366823572	9.32E-82	BP
Lypla2	0.288513566	1.40E-81	BP
Mpc2	0.398983848	1.63E-81	BP
Zcrb1	0.380847077	1.96E-81	BP
Pithd1	0.2897013	2.03E-81	BP
Mrpl21	0.410847222	8.64E-81	BP
Capza21	0.384008822	9.85E-81	BP
C1d	0.41385997	1.41E-80	BP
Nudt31	0.3783228	1.94E-80	BP
Chd21	0.345596602	2.01E-80	BP
Med14	0.337285068	2.27E-80	BP
Elp2	0.251145841	2.33E-80	BP
Ppid	0.287836116	3.95E-80	BP
Osbp	0.387735036	7.82E-80	BP
Mpp5	0.293895277	8.75E-80	BP
Paxx1	0.356895996	1.29E-79	BP
Ntan1	0.413366075	2.21E-79	BP
Ap2s1	0.411342899	2.50E-79	BP
Safb1	0.3431822	2.82E-79	BP
Snw11	0.311365492	9.11E-79	BP
Mrps12	0.315407842	1.15E-78	BP
Psmc4	0.391882091	2.97E-78	BP
Nop56	0.266666862	3.94E-78	BP
Dnajc71	0.280198153	1.82E-77	BP
Scaper	0.287393699	2.76E-77	BP
Ak6	0.366737128	2.85E-77	BP
Naca	0.362457129	3.33E-77	BP
Pgp1	0.312154208	3.53E-77	BP
Ythdc1	0.262926902	3.73E-77	BP
Ypel31	0.272142258	5.18E-77	BP
Tmem126a	0.332539013	7.85E-77	BP
Arpc1a2	0.312957633	8.15E-77	BP
Sfpq1	0.338483292	1.37E-76	BP

Adnp1	0.280002636	1.45E-76	BP
Ldhb1	0.388452395	1.64E-76	BP
Psma21	0.332411589	2.54E-76	BP
Dcaf111	0.275133178	2.66E-76	BP
Prkar1a1	0.406899288	2.97E-76	BP
Ttc1	0.367804317	3.03E-76	BP
Senp6	0.355972483	3.86E-76	BP
Tsn	0.371162075	1.17E-75	BP
Ubt1	0.440757334	1.64E-75	BP
Smc31	0.25793853	1.69E-75	BP
Cdk11b1	0.293716906	1.99E-75	BP
Nmt11	0.301176538	2.40E-75	BP
Atp6ap1	0.380760858	2.61E-75	BP
LOC100910528	0.415979959	6.71E-75	BP
Skp1	0.303108981	1.18E-74	BP
Nars11	0.277257338	1.23E-74	BP
Csnk2a11	0.314916186	1.36E-74	BP
LOC1009109441	0.361277576	1.60E-74	BP
Gabbr11	0.464472335	1.82E-74	BP
LOC108348287	0.315515675	2.55E-74	BP
Cycs	0.270171598	4.17E-74	BP
Usp9x	0.315091948	5.40E-74	BP
Ddx50	0.312303112	6.81E-74	BP
Serbp11	0.287399531	7.73E-74	BP
Ate11	0.29562386	9.96E-74	BP
Get3	0.372485073	1.03E-73	BP
Camlg	0.282203653	1.17E-73	BP
LOC1003629801	0.397331277	1.21E-73	BP
Bmyc	0.357832757	1.38E-73	BP
Sucla2	0.321338025	1.44E-73	BP
Rad23a	0.362728678	1.60E-73	BP
Cox20	0.399997813	3.85E-73	BP
Prpf8	0.384018812	6.94E-73	BP
Pdpc1	0.316036645	8.67E-73	BP
Ylpm1	0.343680014	9.11E-73	BP
Gsk3a	0.364479462	1.01E-72	BP
AABR07031491.2	0.380868384	1.56E-72	BP
Pa2g4	0.361357805	1.76E-72	BP
Phc21	0.409139352	2.27E-72	BP
Hnrnpul2	0.387157862	3.11E-72	BP
Coa8	0.323854942	6.04E-72	BP
Erlec11	0.367754939	8.41E-72	BP
Hipk11	0.294658363	9.66E-72	BP

Psma71	0.282221069	1.26E-71	BP
Arl2bp	0.36541094	2.39E-71	BP
Ppp4r3b1	0.283366808	2.69E-71	BP
Ckap5	0.252399243	3.31E-71	BP
Gripap1	0.313654377	3.42E-71	BP
LOC103693430	0.346819057	6.46E-71	BP
Topors	0.382038528	7.04E-71	BP
Srebf21	0.479552554	8.97E-71	BP
Nap1l41	0.270376367	1.04E-70	BP
Ube2n	0.349795066	1.80E-70	BP
Nipsnap21	0.322756497	2.10E-70	BP
Prpf19	0.311854811	2.50E-70	BP
Mrpl571	0.27848613	4.00E-70	BP
AC134224.31	0.315976236	4.12E-70	BP
Nosip	0.416997002	5.28E-70	BP
Bod1l11	0.255128004	5.85E-70	BP
Nsd31	0.295472797	7.78E-70	BP
Ufsp2	0.375840134	8.72E-70	BP
Bpgm1	0.255215732	1.09E-69	BP
Rab4b	0.359674388	1.12E-69	BP
Phax	0.290091755	1.53E-69	BP
Tusc2	0.317436668	2.10E-69	BP
Stip1	0.250301809	2.30E-69	BP
Phip	0.37163289	4.18E-69	BP
Scoc	0.322896303	4.56E-69	BP
Phf31	0.294923096	5.99E-69	BP
Uqcr10	0.296179556	6.03E-69	BP
Vps4a	0.280583824	1.15E-68	BP
Hsbp1	0.307590971	2.07E-68	BP
Ap3d1	0.34126128	2.52E-68	BP
Cirbp	0.263529943	2.66E-68	BP
Ebag9	0.363552237	1.99E-67	BP
Pin4	0.32250989	2.17E-67	BP
Tmem147	0.389816056	2.42E-67	BP
Kmt2a	0.337350783	3.26E-67	BP
Paics	0.272033796	3.28E-67	BP
Impact	0.309643718	4.17E-67	BP
U2af1l4	0.300944121	4.38E-67	BP
Stub1	0.326203977	4.52E-67	BP
Khdc4	0.293152987	5.02E-67	BP
Isca11	0.298438991	9.63E-67	BP
Rwdd1	0.343159491	1.88E-66	BP
Cfl12	0.337271381	2.30E-66	BP

Atp5mf	0.256656787	2.76E-66	BP
Gtf2f1	0.297292652	2.82E-66	BP
Gspt11	0.271721934	7.15E-66	BP
Fh	0.335369781	1.15E-65	BP
Ergic2	0.348588919	1.56E-65	BP
Psm4	0.306326716	2.98E-65	BP
Eif5a1	0.326841634	3.57E-65	BP
Camk2g1	0.265955799	4.10E-65	BP
Cops5	0.332742968	5.94E-65	BP
Ubp21	0.276745983	6.10E-65	BP
LOC108348062	0.29918931	6.29E-65	BP
Plekha3	0.411777165	6.53E-65	BP
Gtf3c1	0.313945614	9.03E-65	BP
Gfpt1	0.386450007	9.75E-65	BP
Cops3	0.251760495	1.16E-64	BP
Cdc37	0.318217445	1.19E-64	BP
Cops4	0.332249054	1.22E-64	BP
Mrps11	0.341488559	3.86E-64	BP
Uqr112	0.335692187	3.99E-64	BP
Ilf3	0.294743035	4.88E-64	BP
Cse11	0.270045266	6.18E-64	BP
Glyr1	0.338596021	6.59E-64	BP
Vta1	0.278635531	9.12E-64	BP
Rfc1	0.322713163	9.49E-64	BP
Chmp2a	0.283676401	9.81E-64	BP
Pop4	0.275884785	1.62E-63	BP
Spag7	0.321520975	1.65E-63	BP
Man1a2	0.331427857	2.02E-63	BP
Rab2a2	0.361732682	2.74E-63	BP
Nsf11c	0.325182044	2.95E-63	BP
Pip4p2	0.333543359	3.42E-63	BP
Thra1	0.399198569	5.12E-63	BP
Fip111	0.320956452	5.13E-63	BP
Ap2b1	0.357339446	7.88E-63	BP
Psmc3	0.28401664	1.28E-62	BP
Ndufv3.1	0.278490767	1.42E-62	BP
Susd61	0.405516586	1.48E-62	BP
Mrps35	0.305512784	4.61E-62	BP
Eif3g	0.281887908	6.58E-62	BP
Upf3a	0.282321509	7.08E-62	BP
Use1	0.355764418	7.74E-62	BP
Idh3b	0.27724918	1.16E-61	BP
Polr2a1	0.266064858	1.40E-61	BP

Pdap1	0.288948532	1.43E-61	BP
Mphosph6	0.253618147	2.44E-61	BP
Nabp2	0.295075549	3.30E-61	BP
Ssbp3	0.369591151	3.54E-61	BP
Antkmt1	0.307938477	5.92E-61	BP
Fam133b	0.315686955	7.82E-61	BP
Tuba1b	0.306216214	9.04E-61	BP
Emc4	0.268391772	9.32E-61	BP
Efr3a	0.31963778	1.53E-60	BP
Ndufs8	0.320275403	1.55E-60	BP
Lyrn4	0.315350934	2.49E-60	BP
Faf2	0.302217449	4.04E-60	BP
Ndufa111	0.325278921	4.63E-60	BP
Msl1	0.351130412	5.99E-60	BP
Gatc	0.287155315	6.33E-60	BP
Tmem593	0.291119186	9.82E-60	BP
Mark3	0.284820897	1.27E-59	BP
Hsph1	0.315726884	1.94E-59	BP
Stx121	0.351215791	2.16E-59	BP
LOC100362453	0.30557158	3.12E-59	BP
Rnf20	0.268148827	3.23E-59	BP
Maco1	0.261953344	5.58E-59	BP
Bola1	0.353195965	6.09E-59	BP
Nxt1	0.274227578	6.52E-59	BP
Aco2	0.286994434	6.88E-59	BP
Mbd3	0.349172019	7.60E-59	BP
Msrbl	0.35135637	7.82E-59	BP
Dkc1	0.300389762	1.22E-58	BP
Aip	0.333247811	2.48E-58	BP
Psm14	0.272704927	2.72E-58	BP
Psm2	0.274040758	4.68E-58	BP
Commd11	0.327504128	5.71E-58	BP
Klhl7	0.411816582	9.11E-58	BP
Abcf2	0.286809586	9.34E-58	BP
Drosha	0.333688468	1.36E-57	BP
Cdc37112	0.270005651	1.65E-57	BP
Glod4	0.321097591	3.69E-57	BP
Smrcc2	0.286885365	3.70E-57	BP
Cdc123	0.306541776	6.81E-57	BP
Psm32	0.270252861	1.18E-56	BP
Mrps5	0.281271133	3.08E-56	BP
Polr2f1	0.28649235	3.32E-56	BP
Vps35	0.271643965	3.37E-56	BP

Phb	0.305989064	3.41E-56	BP
Eloc	0.260039698	5.83E-56	BP
Tox4	0.294461118	6.44E-56	BP
Top11	0.255945797	6.88E-56	BP
Bptf1	0.253487991	9.73E-56	BP
Mtmr9	0.305618158	1.13E-55	BP
Ap1b1	0.256501553	1.24E-55	BP
Mt-nd4l2	0.348293355	1.25E-55	BP
Vps29	0.287264326	1.30E-55	BP
Pds5b	0.370632586	1.34E-55	BP
Srp141	0.280370455	1.78E-55	BP
Ccdc12	0.274656065	2.31E-55	BP
Ccdc127	0.295302222	1.48E-54	BP
RGD13087061	0.29522098	2.32E-54	BP
Pik3c2a1	0.293986735	2.61E-54	BP
Mrpl55	0.327273302	3.17E-54	BP
Fkbp8	0.317837501	3.36E-54	BP
Cope	0.304522941	4.90E-54	BP
H3f3b	0.260970877	1.39E-53	BP
Ndufs41	0.273045467	1.83E-53	BP
Agfgl1	0.285829108	3.36E-53	BP
Fis11	0.294332989	1.01E-52	BP
Fxr2	0.265907641	2.14E-52	BP
Sms	0.281434789	3.18E-52	BP
LOC294154	0.28333348	5.82E-52	BP
Mrpl48	0.287899317	8.83E-52	BP
Ndufa10l1.1	0.256672985	9.64E-52	BP
Fundc11	0.380539084	1.17E-51	BP
Impad1.11	0.290721726	1.37E-51	BP
Arhgap35	0.289429528	2.27E-51	BP
Pdrg1	0.30041623	4.31E-51	BP
Hspa13	0.303334853	2.12E-50	BP
Zfp637	0.3066295	4.48E-50	BP
Tspyl1	0.265969464	6.07E-50	BP
Psmc1	0.284334168	8.43E-50	BP
Eif3k	0.287412321	8.70E-50	BP
Ilk1	0.348229757	1.26E-49	BP
Pnkd1	0.258486663	1.64E-49	BP
Mrpl35	0.29480909	1.65E-49	BP
Drap1	0.257184428	1.83E-49	BP
Crebbp	0.276466153	2.37E-49	BP
LOC108348180	0.33571962	3.89E-49	BP
Igf11	0.378124561	1.13E-48	BP

Cisd3	0.328609755	1.83E-48	BP
Nudt9	0.268412091	4.30E-48	BP
Khdrbs11	0.251004186	5.62E-48	BP
Mrps33	0.347038936	7.52E-48	BP
Clptm1	0.306029346	1.56E-47	BP
Nsrp1	0.256260477	2.67E-47	BP
Mrpl12	0.271321057	2.82E-47	BP
Washc2c	0.259049949	2.95E-47	BP
Eif3d	0.250486336	3.47E-47	BP
Commdb8	0.25794236	7.66E-47	BP
Rrp1	0.263731185	1.31E-46	BP
Dars	0.294046875	2.32E-46	BP
Ostc1	0.292321967	2.75E-46	BP
Malsu1	0.29004097	1.13E-45	BP
Otub1	0.271113997	1.29E-45	BP
Ppp2cb1	0.250791899	1.83E-45	BP
Plcb41	0.368359034	2.60E-45	BP
C1qbp	0.304930878	2.97E-45	BP
Pbdc1	0.252677946	1.60E-44	BP
Dhrs71	0.271928674	1.72E-44	BP
Cic	0.300303622	3.50E-44	BP
Tmem42	0.271143963	4.51E-44	BP
Psmg1	0.283454229	5.17E-44	BP
Mettl9	0.273889791	1.28E-43	BP
Ndfip21	0.272527423	1.33E-43	BP
Fkbp22	0.25208296	2.29E-43	BP
Tvp23b	0.267114253	4.81E-43	BP
Ccpg1	0.253826048	1.02E-42	BP
Adprh	0.254472332	3.26E-42	BP
Trim281	0.266721549	4.10E-42	BP
Pdcl3	0.286221886	6.13E-42	BP
Dab2ip1	0.25816649	1.38E-41	BP
B3gnt21	0.404456167	1.91E-41	BP
Phyh	0.257353766	2.02E-41	BP
Cops7a	0.269368757	3.00E-40	BP
Mrps18c	0.287171728	1.06E-39	BP
Adh5	0.26998521	7.47E-39	BP
Tmem160	0.332606345	1.01E-38	BP
Hmgb1	0.286664391	1.10E-38	BP
Lsm7	0.25786461	1.55E-38	BP
Mrps34	0.271891649	7.23E-38	BP
Mrps15	0.261957279	1.35E-37	BP
Fbxo11	0.256005274	2.76E-37	BP

Nop161	0.278923355	1.70E-36	BP
Prpsap1	0.264279622	2.80E-35	BP
P4ha11	0.253102876	5.50E-35	BP
RGD1305178	0.250052129	4.90E-31	BP
Smarca2	0.269128548	1.69E-30	BP
Zbtb202	0.285478024	1.41E-28	BP
Ncor23	0.255113005	9.92E-27	BP
S100a102	0.285982455	1.67E-21	BP
Pde6h	6.651814774	0	Cone
Gnat21	5.417265815	0	Cone
Arr3	4.657769597	0	Cone
Gngt21	4.648764934	0	Cone
Rbp4	3.427236967	0	Cone
Opn1mw	3.300660077	0	Cone
Pde6c	3.12104045	0	Cone
Sst	3.074645649	0	Cone
Cngb3	2.802194961	0	Cone
Tex28	2.351642885	0	Cone
Six6	2.19905148	0	Cone
Nptx1	2.191999929	0	Cone
Lix1	1.91391173	0	Cone
Nphs1	1.759587384	0	Cone
Klhl4	1.753499219	0	Cone
Crym	1.697904528	0	Cone
AABR07044460.2	1.653547552	0	Cone
Rgl3	1.4905185	0	Cone
Rxrg1	1.434450779	0	Cone
LOC102553190	1.419891745	0	Cone
Prmt8	1.359366954	0	Cone
Adra1b	1.325938003	0	Cone
Lrit3	1.22128913	0	Cone
Add2	1.164908242	0	Cone
Tspan1	1.10767332	0	Cone
Lrfn2	1.059340352	0	Cone
Ffar4	0.989081835	0	Cone
Slc24a2	0.932819845	0	Cone
Atp7b	0.909461614	0	Cone
Rgs17	0.901075653	0	Cone
AC141377.2	0.788375728	0	Cone
Gnb31	2.84263479	2.88E-295	Cone
Scg32	2.453983236	8.75E-286	Cone
Thrb	2.784137749	1.69E-263	Cone
Nrcam1	1.410566744	4.70E-261	Cone

Mpp61	2.132638018	1.55E-249	Cone
Ccdc141	1.598710547	8.06E-249	Cone
Kcnh6	1.084422626	2.32E-243	Cone
Cntn1	1.117654178	2.59E-223	Cone
Dysf1	1.333636132	4.36E-221	Cone
Bcat1	2.851563396	7.80E-214	Cone
Asmt	1.098610197	1.80E-212	Cone
Msrb2	1.59742363	2.03E-212	Cone
Ckmt1	1.670884067	6.27E-200	Cone
Kif191	1.2438273	1.37E-194	Cone
Asic41	1.28534265	2.76E-187	Cone
Camk2b1	1.267206659	1.32E-176	Cone
Kcne21	1.615734342	2.45E-176	Cone
Elovl21	1.479711473	3.32E-171	Cone
Parvb1	1.447935222	3.65E-169	Cone
Stmn31	1.492146084	1.23E-157	Cone
Shisa111	1.047263496	1.94E-149	Cone
LOC680254	1.353576624	7.25E-147	Cone
Hspb6	1.180479602	1.04E-145	Cone
Tsks1	1.397251757	4.39E-143	Cone
Ppfia21	1.264510359	8.68E-140	Cone
Crcp1	1.989474526	1.06E-137	Cone
Tsr1	1.19098389	1.04E-135	Cone
Btbd3	1.206282752	1.28E-135	Cone
Ptpn21	1.171857637	4.49E-128	Cone
Plekhb21	1.474649845	3.47E-124	Cone
Igf2bp2	0.814986528	4.43E-124	Cone
Paqr9	0.587261017	2.28E-123	Cone
AABR07002674.1	0.916590802	4.25E-123	Cone
Fam89a1	0.909203578	5.10E-122	Cone
Ptpn1	0.992934431	2.56E-121	Cone
Aplp11	1.387978505	4.37E-121	Cone
Endov	0.841301101	4.30E-120	Cone
Sncb1	1.555570145	1.71E-119	Cone
Desi11	1.137049156	4.23E-119	Cone
Fsd11	0.643996411	3.28E-118	Cone
Map21	1.785010708	6.23E-118	Cone
Ipo4	1.202004441	4.39E-117	Cone
Cltb1	1.965500017	7.45E-117	Cone
Cplx31	1.097532888	4.24E-116	Cone
Ddah1	0.728055679	2.01E-114	Cone
Atp1b22	1.98198657	2.23E-113	Cone
S100a1	1.075832921	1.60E-111	Cone

Ache	0.620564178	1.90E-111	Cone
Plekha8	1.141822198	2.85E-111	Cone
Plekha12	1.49025601	1.63E-110	Cone
Kcnn2	0.844158318	9.77E-108	Cone
Ahr1	1.413275523	1.72E-106	Cone
Hpx1	1.333617943	2.19E-105	Cone
Pip1	1.671994871	4.56E-102	Cone
Pbx3	1.233652051	1.75E-100	Cone
Olfml1	1.145114888	3.15E-98	Cone
Chchd7	1.238472963	1.00E-97	Cone
Rd31	1.007509079	3.14E-97	Cone
Csrp2	1.004089277	4.89E-97	Cone
Samd4a	1.103980279	7.82E-97	Cone
Pcare1	0.786170266	7.96E-96	Cone
Tcta	1.125500002	3.02E-95	Cone
Arhgap24	0.821256008	4.50E-95	Cone
Rgs91	1.234248241	5.72E-95	Cone
Cuedc1	1.240687196	2.63E-93	Cone
Mdh12	1.808381467	1.47E-92	Cone
Impdh11	1.371086109	2.59E-92	Cone
Got12	1.512449118	3.34E-92	Cone
Slc3a1	0.775237706	1.41E-91	Cone
Zfp3652	1.310039107	5.96E-91	Cone
Pcdha131	1.027784568	1.69E-90	Cone
Drd41	0.986527864	1.19E-89	Cone
Hspa411	0.904837038	7.69E-87	Cone
Elfn1	0.601694914	1.01E-86	Cone
Dlg4	0.92654476	3.00E-86	Cone
Syt13	1.493277588	1.68E-85	Cone
Rab3a2	1.255671798	3.51E-85	Cone
Neurod11	1.308196452	1.13E-84	Cone
Smim13	0.509493833	4.49E-84	Cone
Eno12	1.850205783	1.12E-83	Cone
Ripply3	0.6560119	7.00E-83	Cone
Chga1	0.713269772	8.37E-83	Cone
Pde6d1	1.372710877	8.69E-83	Cone
Arid3b	0.652740869	8.83E-83	Cone
Mt31	0.79946065	9.09E-83	Cone
Zfp444	0.942644443	1.27E-82	Cone
Ugdh	1.096145603	2.94E-82	Cone
Pmvk1	1.138299686	3.93E-82	Cone
Tmem1961	0.668621242	1.52E-80	Cone
Dmd1	1.585080741	1.08E-79	Cone

Pmm11	1.327278351	4.88E-79	Cone
Bex21	1.039064378	9.52E-79	Cone
Apbb11	1.129101848	1.04E-78	Cone
Cxxc41	1.018098223	3.00E-78	Cone
LOC100909595	0.69550587	1.07E-77	Cone
Map1b1	1.603745786	1.16E-77	Cone
Aipl11	1.408782385	1.89E-77	Cone
Psip11	1.334683957	8.76E-77	Cone
Scg52	1.209165455	2.20E-76	Cone
Cib2	0.718892975	2.37E-76	Cone
Rora1	0.929566326	2.74E-76	Cone
Cox7c2	1.466330597	7.84E-76	Cone
Egflam1	0.968644232	5.79E-75	Cone
Gucal1a1	1.518348381	7.69E-75	Cone
Ckb1	1.504718907	9.38E-73	Cone
Mrpl2	0.949111905	2.57E-72	Cone
Stmn11	1.276982077	1.86E-71	Cone
Tulp11	1.285962818	1.01E-70	Cone
Gkap11	1.207864106	1.09E-70	Cone
Stxbp12	1.262312111	3.19E-70	Cone
Rp111	0.489015032	5.34E-70	Cone
Ldha2	1.43062029	5.93E-70	Cone
Lgi1	0.887454811	5.26E-69	Cone
Aldh1a11	1.069128419	5.33E-69	Cone
Ppa11	1.435019223	1.56E-68	Cone
Fgfl	0.797692574	3.00E-68	Cone
Wdr171	0.406227972	4.10E-68	Cone
Aak11	0.824292075	6.68E-68	Cone
Pnma8b1	0.739163675	2.05E-67	Cone
Zdhhc6	0.770103761	3.44E-67	Cone
Arl61	1.054619962	3.74E-67	Cone
Acly	1.08588741	1.22E-66	Cone
Impg1	0.597224754	3.00E-66	Cone
Rbp3	0.503106026	3.34E-66	Cone
Slc17a72	1.219265735	3.83E-66	Cone
Inka2	0.588023231	8.08E-66	Cone
Mpp41	0.777214665	2.90E-64	Cone
Sms1	0.985194967	4.73E-64	Cone
Impg21	0.637486244	6.65E-64	Cone
Snap251	0.836299988	8.63E-64	Cone
Acs11	0.720063382	9.42E-64	Cone
Me2	0.903993383	1.74E-63	Cone
Smarca21	1.21371024	5.08E-63	Cone

Cbx31	1.229830495	1.35E-62	Cone
Hadh1	1.050439966	5.99E-62	Cone
Aldoc2	1.147646647	6.92E-62	Cone
Ppp1r3c	0.683846406	1.20E-61	Cone
Pnpla3	0.524724172	1.56E-61	Cone
Atp6v0a11	1.022554017	1.97E-61	Cone
Fam169a1	0.678513141	6.88E-61	Cone
Tmem33	0.999585077	8.11E-61	Cone
Otud7b	0.857818734	1.09E-60	Cone
Ghitm2	1.100274596	1.52E-60	Cone
Nap1l11	1.244179176	2.98E-60	Cone
Bzw21	0.953396154	5.42E-60	Cone
Kctd10	0.809785588	5.92E-60	Cone
Zdhhc12	0.762426567	2.46E-59	Cone
Resp181	0.581805262	5.63E-59	Cone
Cacna1f	0.605493394	7.33E-59	Cone
Guk12	1.131314192	9.67E-59	Cone
Pard6b	0.497537683	8.03E-58	Cone
Cox8a2	1.018406867	1.57E-57	Cone
Ush2a	0.50578072	1.63E-57	Cone
Slc25a331	0.808878163	8.26E-57	Cone
Wdr78	0.585976991	8.70E-57	Cone
Rcvrn1	1.161742475	1.02E-56	Cone
Acs131	1.009137126	1.05E-56	Cone
Mapk8ip21	0.477111379	1.62E-56	Cone
Frmd4b	0.625143865	1.84E-56	Cone
Rtn41	0.945451659	3.97E-56	Cone
Tspan71	1.096356909	6.92E-56	Cone
Igsf211	0.623534948	1.04E-55	Cone
Pax41	0.541636872	5.93E-55	Cone
Ank21	0.828767443	8.92E-55	Cone
Mfge81	0.993761172	1.08E-54	Cone
Map9	0.596037911	1.47E-54	Cone
Tspan17	0.624417136	2.45E-54	Cone
Prdm1	0.446851896	3.79E-54	Cone
Hsbp1l11	0.622812329	4.36E-54	Cone
Ndfip11	1.079552506	6.58E-54	Cone
Pkm1	0.735273756	2.03E-53	Cone
Fkbp41	1.176340176	2.91E-53	Cone
Alpl	0.529922071	3.82E-53	Cone
Ahi11	0.773305983	4.69E-53	Cone
Anp32e1	1.11545393	5.37E-53	Cone
Fam107b1	0.673416174	7.10E-53	Cone

Prepl	0.602384861	8.60E-53	Cone
Ntm1	0.652425069	1.06E-52	Cone
Ptgr21	0.672517346	1.36E-52	Cone
Mylk2	0.946236111	2.50E-52	Cone
Unc1191	1.09662853	9.00E-52	Cone
Pfdn12	1.128335531	9.67E-52	Cone
Igsf111	0.57828859	1.06E-51	Cone
Scp2	1.138701361	3.52E-51	Cone
Epb41	0.808772552	4.28E-51	Cone
Pitpnm11	0.762165805	4.43E-51	Cone
Cdh22	0.576610923	7.81E-51	Cone
Cox7a2l21	1.017868941	1.58E-50	Cone
Tmem107	0.58028233	2.38E-50	Cone
Sez6l21	0.669124811	2.84E-50	Cone
Rtbdn1	0.888509375	1.67E-49	Cone
Frmpd11	0.55983401	2.84E-49	Cone
Ipmk	0.662463535	3.97E-49	Cone
Ogt	0.913713175	5.01E-49	Cone
Hmmr	0.510098545	5.82E-49	Cone
Pcbp41	0.914685049	1.45E-48	Cone
Hcn1	0.475407886	1.47E-48	Cone
Slc1a71	0.565878629	1.50E-48	Cone
Cox7b1	1.071852441	2.71E-48	Cone
LOC361646	0.321239542	3.25E-48	Cone
Rtn31	1.049938235	3.93E-48	Cone
Uqcrh2	0.976120586	7.29E-48	Cone
LOC108351137.12	1.115501414	1.16E-47	Cone
Purb2	1.00728147	1.42E-47	Cone
Bpnt11	0.885649559	1.57E-47	Cone
Sgip1	0.399484223	2.52E-47	Cone
Cadm32	0.628882571	4.21E-47	Cone
Pebp11	0.965690163	4.89E-47	Cone
Kif2a1	0.775245694	1.66E-46	Cone
LOC100912181	0.451727843	4.14E-46	Cone
Snap911	0.63385722	4.26E-46	Cone
Rgs20	0.360444756	8.07E-46	Cone
Clcn31	0.621045049	1.07E-45	Cone
Igsf9	0.475060656	1.83E-45	Cone
Agtpbp1	0.745144878	2.25E-45	Cone
Ankrd33b1	0.426960718	3.29E-45	Cone
Zfp385b1	0.574068055	4.26E-45	Cone
Ncald	0.586849533	7.55E-45	Cone
Gpx41	1.033432234	8.05E-45	Cone

Atp6v0c1	0.880389126	1.05E-44	Cone
Nsf2	0.785863177	1.45E-44	Cone
Shroom21	0.643068358	1.69E-44	Cone
Ndufa42	0.851189643	1.82E-44	Cone
Cplx41	0.629813979	3.08E-44	Cone
Kmt2a1	0.844382325	3.53E-44	Cone
Chn11	0.718623042	3.67E-44	Cone
Lrit12	0.675598245	3.95E-44	Cone
Msi11	0.741351901	5.48E-44	Cone
Atp6v1b22	0.779475838	7.62E-44	Cone
Laptm4b2	0.84188653	7.90E-44	Cone
Hsp90aa11	0.987314446	1.13E-43	Cone
Ndn1	0.712077595	3.81E-43	Cone
Park71	0.993353277	4.02E-43	Cone
Trak2	0.726007804	5.38E-43	Cone
Ppp2r2b1	0.515198834	8.50E-43	Cone
Bicdl11	0.430671103	1.24E-42	Cone
Ap3b21	0.499014173	1.40E-42	Cone
Atp1a32	0.687819421	1.69E-42	Cone
Cetn21	0.94265647	2.70E-42	Cone
Dusp8	0.48638007	8.19E-42	Cone
Pgk12	1.037299731	1.33E-41	Cone
Ndufa121	0.927805376	3.30E-41	Cone
Rhot1	0.608979144	3.31E-41	Cone
Rufy31	0.590911935	3.87E-41	Cone
Gabarapl21	0.940229167	4.32E-41	Cone
Plcd3	0.565869665	5.50E-41	Cone
Hprt11	0.817921572	6.64E-41	Cone
Atp6v1a1	0.790423192	7.64E-41	Cone
Mfng1	0.649183661	1.23E-40	Cone
Cpe2	0.987738363	1.41E-40	Cone
Phyhd1	0.553689631	1.58E-40	Cone
Idh3a1	0.722914047	2.12E-40	Cone
Sag1	0.89222602	2.15E-40	Cone
Chchd6	0.591410111	2.70E-40	Cone
Ndufb92	0.902585856	3.42E-40	Cone
Grina2	0.890955938	3.46E-40	Cone
Svip1	0.487383645	4.38E-40	Cone
Cisd12	0.904100217	4.58E-40	Cone
Eef1e11	0.681810972	5.02E-40	Cone
Ip6k2	0.41693234	1.09E-39	Cone
Zdhhc171	0.459749212	1.15E-39	Cone
Rabgef11	0.475147623	1.23E-39	Cone

Dmxl2l	0.562323379	1.79E-39	Cone
Znhit6	0.641368499	3.19E-39	Cone
Cabp4l	0.310468838	4.48E-39	Cone
Wdr62	0.415047199	4.95E-39	Cone
Atp6v1e1l	0.805903046	5.01E-39	Cone
Ppp1cc1	0.859152071	8.29E-39	Cone
Trappc1l	0.806108622	8.94E-39	Cone
C2cd2l1	0.504644876	9.49E-39	Cone
Actr6	0.673442881	1.12E-38	Cone
Atp5if1l	0.851439603	1.12E-38	Cone
B3gat3l	0.820716786	1.18E-38	Cone
Hook1l	0.545276456	1.56E-38	Cone
Polr3d	0.695813283	1.98E-38	Cone
Ubl5l	0.907840278	2.64E-38	Cone
Slc38a1l	0.549228327	2.95E-38	Cone
Wdr612	0.796443836	4.92E-38	Cone
Cfap36	0.707338205	6.90E-38	Cone
Zfp428l	0.526975082	8.95E-38	Cone
Pomgnt1	0.580987595	1.82E-37	Cone
Cdhr1l	0.282029686	1.94E-37	Cone
Ttc3l	0.768698098	2.04E-37	Cone
Mxra7l	0.745038953	2.13E-37	Cone
Uqerc1l	0.838903093	2.30E-37	Cone
Irak1bp1	0.768942035	2.46E-37	Cone
Zbtb18	0.330488288	2.88E-37	Cone
Srrm3l	0.376826414	3.17E-37	Cone
Snrnp200l	0.848079527	3.32E-37	Cone
Tmem218	0.487153162	3.68E-37	Cone
AABR07044711.12	0.874683588	4.37E-37	Cone
Spa17	0.355555466	4.48E-37	Cone
Zfand6l	0.721724137	4.49E-37	Cone
Upf3b2	0.634186588	7.59E-37	Cone
Ndufb32	0.779770182	1.27E-36	Cone
Uqcr10l	0.922015518	1.34E-36	Cone
Fabp12	0.252938896	2.30E-36	Cone
Ndufs52	0.875797816	3.04E-36	Cone
Zmynd82	0.791980117	3.09E-36	Cone
Ndufb4l	0.925803451	3.60E-36	Cone
Ppef2l	0.307654647	6.04E-36	Cone
Fycol1l	0.609035856	6.10E-36	Cone
Nr2c1	0.564033263	6.89E-36	Cone
Spop1	0.935327554	1.05E-35	Cone
Aarsd1	0.671216917	1.25E-35	Cone

Nt5c3a	0.563641187	1.66E-35	Cone
Cox4i11	0.776071892	1.68E-35	Cone
Bbs5	0.539145105	1.82E-35	Cone
Kif21a1	0.402690712	2.17E-35	Cone
Lrpap1	0.85502332	2.30E-35	Cone
Gtf2h51	0.881312955	2.74E-35	Cone
Pnp0	0.468985653	2.84E-35	Cone
Hist3h2ba2	0.562846051	3.89E-35	Cone
Higd2a1	0.898789529	4.01E-35	Cone
Atp6v0d11	0.81952234	4.67E-35	Cone
Srrm41	0.467412307	1.05E-34	Cone
Igsf3	0.649264211	1.23E-34	Cone
Pitpnm21	0.425326559	1.64E-34	Cone
Cisd22	0.715643154	1.84E-34	Cone
Timm8b1	0.755889015	2.34E-34	Cone
Mrps251	0.83456509	2.92E-34	Cone
Acsl61	0.417103905	3.09E-34	Cone
AABR07027870.11	0.527962691	3.11E-34	Cone
Ndufb62	0.727256894	3.60E-34	Cone
Fam104a2	0.784589192	3.91E-34	Cone
Apool	0.556134218	4.20E-34	Cone
Atp5flb2	0.762201652	4.33E-34	Cone
Rab39a	0.372181095	8.89E-34	Cone
Pacsin11	0.419280889	1.31E-33	Cone
Atp5me1	0.8632455	1.44E-33	Cone
Rrp1b1	0.289172197	1.61E-33	Cone
Vamp22	0.786472342	2.23E-33	Cone
Fundc2	0.508410646	2.24E-33	Cone
Ndufa21	0.840948914	2.25E-33	Cone
Arl31	0.757573444	2.56E-33	Cone
Stx32	0.33833727	3.04E-33	Cone
Ccdc181	0.336352245	4.75E-33	Cone
Pcbd2	0.71616909	6.15E-33	Cone
LOC1083511372	0.946350412	6.71E-33	Cone
Ndufb112	0.855198353	7.19E-33	Cone
Stkld1	0.295681619	7.62E-33	Cone
Dnajb21	0.608649823	7.91E-33	Cone
Nxnl21	0.376821779	8.52E-33	Cone
Pgam12	0.716351934	1.23E-32	Cone
Pja21	0.857624472	1.37E-32	Cone
Dpysl5	0.310865722	1.55E-32	Cone
Ccpg1os	0.304205346	2.29E-32	Cone
Immp11	0.569399051	3.28E-32	Cone

Cluap1	0.485601678	4.72E-32	Cone
Prdx21	0.770666146	7.37E-32	Cone
Ndufc21	0.77098937	8.30E-32	Cone
Ankrd401	0.606647934	8.76E-32	Cone
Atp5mc31	0.779829854	9.87E-32	Cone
Tlcd51	0.319752754	1.24E-31	Cone
Clstn11	0.770484591	1.58E-31	Cone
Dzip1	0.535050074	2.51E-31	Cone
Dpcd1	0.613917277	2.89E-31	Cone
Rims21	0.531766612	5.56E-31	Cone
Nfyb1	0.462245247	6.72E-31	Cone
Ppm1b1	0.535946667	6.85E-31	Cone
Ywhaq2	0.806269521	8.17E-31	Cone
Nlk2	0.523151424	9.13E-31	Cone
Tent4b	0.634885816	1.04E-30	Cone
Esrrg	0.502151125	1.43E-30	Cone
Cox5b1	0.791448769	1.47E-30	Cone
Ctbp22	0.536040603	1.48E-30	Cone
Hagh2	0.566699382	1.92E-30	Cone
Ccndbp1	0.513338696	2.07E-30	Cone
Ddrgk11	0.800798447	2.27E-30	Cone
Tecr2	0.710869551	2.81E-30	Cone
Atp5mc11	0.796578955	2.90E-30	Cone
Btbd10	0.362820902	3.56E-30	Cone
Brd7	0.701779474	3.58E-30	Cone
Atp5mg2	0.722263923	4.08E-30	Cone
Hmgn12	0.713641692	4.37E-30	Cone
Ssu721	0.830181275	4.97E-30	Cone
Tlcd3b1	0.252320562	5.37E-30	Cone
Pcbp31	0.466820593	5.91E-30	Cone
Thsd7a1	0.505606067	6.27E-30	Cone
Wdr83os	0.751757668	7.16E-30	Cone
Deaf1	0.448700281	9.24E-30	Cone
Ccnq	0.50585781	1.38E-29	Cone
Tp53inp2	0.434998083	1.39E-29	Cone
Fgd4	0.429693942	1.41E-29	Cone
Itgb3bp	0.575203771	1.67E-29	Cone
Pclo1	0.325637214	1.79E-29	Cone
Lrp111	0.491339753	3.87E-29	Cone
Neur111	0.438026466	5.69E-29	Cone
Uqcrb.12	0.731459052	5.78E-29	Cone
Chd91	0.667665091	6.85E-29	Cone
Cxxc51	0.683000279	7.55E-29	Cone

Hmgn31	0.689876563	8.57E-29	Cone
Smim19	0.585425751	8.83E-29	Cone
Tmem41b	0.500507453	1.28E-28	Cone
Dad11	0.80259226	1.30E-28	Cone
Aifm1	0.455198413	1.47E-28	Cone
Odc1	0.666196355	1.61E-28	Cone
Dnm3	0.512662304	2.22E-28	Cone
Lztfl1	0.418422699	2.53E-28	Cone
Vdac11	0.676379112	2.61E-28	Cone
Mef2c2	0.450565426	2.99E-28	Cone
Apoo	0.472973406	4.18E-28	Cone
Cox6c2	0.670195818	4.35E-28	Cone
Kifbp1	0.485320775	4.57E-28	Cone
Rexo4	0.648113525	5.75E-28	Cone
Tusc21	0.581717037	6.60E-28	Cone
Gadd45a	0.563641279	6.96E-28	Cone
RGD15629872	0.667088709	7.21E-28	Cone
Nectin11	0.444585906	1.21E-27	Cone
Pkig2	0.808556009	1.59E-27	Cone
Raly1	0.670940978	2.04E-27	Cone
Acadm	0.545766687	2.04E-27	Cone
Itgb1bp11	0.54592562	2.37E-27	Cone
Kcnc31	0.38334319	2.41E-27	Cone
Tspan32	0.736363912	2.99E-27	Cone
Snrnp271	0.637423392	4.41E-27	Cone
Cox171	0.77361557	4.68E-27	Cone
Hsd17b112	0.716684681	5.07E-27	Cone
Golim42	0.715678963	5.37E-27	Cone
Dctn31	0.658913393	5.54E-27	Cone
Klc12	0.55314661	1.38E-26	Cone
Rapgef5	0.334274307	1.47E-26	Cone
Polr2k2	0.662619902	1.53E-26	Cone
Gng31	0.492895884	1.58E-26	Cone
Etnk11	0.509204549	3.09E-26	Cone
Xrcc5	0.385240657	3.28E-26	Cone
Osbp21	0.327019425	3.40E-26	Cone
Crot	0.516020215	3.88E-26	Cone
Ddx12	0.565551386	4.98E-26	Cone
Tdrkh	0.36721583	5.64E-26	Cone
Pin11	0.592586853	5.67E-26	Cone
Tuba1b1	0.770647995	6.01E-26	Cone
Mlf21	0.706359233	6.15E-26	Cone
Spint2	0.648259185	6.22E-26	Cone

Lsm14a1	0.597613876	7.94E-26	Cone
Xiap	0.446860647	9.90E-26	Cone
Hist1h2bq2	0.720458997	1.07E-25	Cone
Lgalsl1	0.461092873	1.09E-25	Cone
Zfp385a2	0.508091697	1.23E-25	Cone
Got21	0.672704515	1.24E-25	Cone
Ciao11	0.425488356	1.32E-25	Cone
RGD13118992	0.593314071	1.37E-25	Cone
Nudt21	0.686163684	1.63E-25	Cone
Ube2e31	0.692240881	2.15E-25	Cone
Dnaje121	0.381926038	2.21E-25	Cone
Sar1b2	0.610945904	2.47E-25	Cone
Crmp11	0.436123468	2.88E-25	Cone
Bbs7	0.255784373	2.96E-25	Cone
Cox6a12	0.590089781	3.55E-25	Cone
Eeflakmt2	0.373018048	3.78E-25	Cone
Abhd12	0.646655696	5.21E-25	Cone
LOC1083481721	0.511798716	7.64E-25	Cone
LOC691921	0.498769132	1.02E-24	Cone
Bpgm2	0.538095549	1.23E-24	Cone
RGD1565989	0.315540962	1.32E-24	Cone
Alad	0.400290501	2.71E-24	Cone
Nt5c3b	0.538216197	3.15E-24	Cone
Limk2	0.437823902	3.61E-24	Cone
Ppip5k11	0.503628242	3.96E-24	Cone
Ywhae2	0.657298145	5.28E-24	Cone
Ddit31	0.635192604	5.58E-24	Cone
Npepps1	0.550475096	6.94E-24	Cone
Pigs	0.421302947	8.47E-24	Cone
Chtop	0.557936152	8.90E-24	Cone
Acbd61	0.761777321	9.26E-24	Cone
Chd71	0.364906887	1.14E-23	Cone
Pdzd8	0.405604487	1.19E-23	Cone
Emc41	0.662845014	1.39E-23	Cone
Cfap20	0.444185777	1.40E-23	Cone
LOC3619851	0.50390479	1.49E-23	Cone
Mkks1	0.606942418	1.59E-23	Cone
Slc25a41	0.641365746	1.60E-23	Cone
Tax1bp11	0.642033016	1.69E-23	Cone
Trim17	0.275104764	1.79E-23	Cone
Rprd1b	0.497542924	1.80E-23	Cone
Ptpn4	0.444082819	1.96E-23	Cone
Chchd11	0.565886387	1.99E-23	Cone

Mkrl1	0.453631544	2.16E-23	Cone
Arfp2	0.370287889	3.43E-23	Cone
Ola12	0.53956686	3.61E-23	Cone
Ndufa71	0.726370426	4.54E-23	Cone
Uqcrfs12	0.636769994	4.57E-23	Cone
Ndufaf2	0.462260682	4.68E-23	Cone
Pyurf	0.532620194	8.70E-23	Cone
Cox5a1	0.647448755	1.08E-22	Cone
Mt-co11	0.623465976	1.10E-22	Cone
Ndufaf31	0.455813402	1.11E-22	Cone
Uba1	0.647266032	1.37E-22	Cone
Ubn11	0.523654643	1.48E-22	Cone
Vps37a	0.404537093	1.62E-22	Cone
Polr2d	0.548893836	1.70E-22	Cone
Pam161	0.557789625	1.79E-22	Cone
Atp5f1e1	0.675111106	2.10E-22	Cone
Taf1d2	0.500897118	3.49E-22	Cone
Pomt2	0.278900886	3.58E-22	Cone
Ndufb51	0.637461646	4.39E-22	Cone
Arfgef1	0.364974596	5.50E-22	Cone
Tln21	0.252369353	6.19E-22	Cone
Hipk21	0.358619223	6.53E-22	Cone
Tma71	0.286064337	1.04E-21	Cone
Paxx2	0.488232302	1.12E-21	Cone
Atrx.11	0.696361815	1.13E-21	Cone
Serbp12	0.58543171	1.26E-21	Cone
Mettl16	0.386610118	1.28E-21	Cone
Pdhh	0.379793238	1.28E-21	Cone
Pithd11	0.315292297	1.83E-21	Cone
LOC102551095	0.262378602	2.02E-21	Cone
Ndufb22	0.643427146	2.03E-21	Cone
Naxe	0.51392292	2.65E-21	Cone
Smg6	0.485233092	2.94E-21	Cone
Mcts1	0.508844667	3.51E-21	Cone
Ndufaf5	0.297437234	3.79E-21	Cone
Tuba1a2	0.617397636	4.31E-21	Cone
Fbxo91	0.39851382	5.08E-21	Cone
Samd8	0.338056986	5.73E-21	Cone
Ndufb101	0.637858406	6.31E-21	Cone
Pafah1b31	0.511320505	6.47E-21	Cone
Elof1	0.573755143	7.78E-21	Cone
Arhgap12	0.404866157	1.10E-20	Cone
Uqcrl	0.601298408	1.18E-20	Cone

Ddx172	0.539098041	1.56E-20	Cone
Imp32	0.499729164	2.00E-20	Cone
S100a132	0.689691328	2.02E-20	Cone
Luc7l32	0.500943694	2.21E-20	Cone
Abhd14b	0.306858242	2.46E-20	Cone
Rnf71	0.588725168	3.26E-20	Cone
Nars12	0.473371516	3.79E-20	Cone
Ndufa51	0.595500785	3.92E-20	Cone
Higd1a1	0.478154073	4.06E-20	Cone
Usp321	0.491997133	4.97E-20	Cone
Plekha11	0.450793177	5.27E-20	Cone
Med311	0.329525877	5.58E-20	Cone
Cox201	0.528888433	6.12E-20	Cone
Napg2	0.438656054	6.44E-20	Cone
Emc71	0.550769998	6.52E-20	Cone
Usp46	0.576493694	6.93E-20	Cone
Polr2c2	0.445484551	7.01E-20	Cone
Galk2	0.474640875	7.13E-20	Cone
Cops62	0.482828516	9.84E-20	Cone
Micu31	0.27964519	1.04E-19	Cone
Dnaja72	0.468360313	1.05E-19	Cone
Timm132	0.586655814	1.19E-19	Cone
Mrpl572	0.461260413	1.23E-19	Cone
Btaf1	0.428316788	1.42E-19	Cone
Ciapi11	0.340881477	1.47E-19	Cone
Hspa41	0.64468937	1.52E-19	Cone
Tusc31	0.308786964	1.90E-19	Cone
Ss18l21	0.542755009	1.98E-19	Cone
Arglu12	0.470100087	1.99E-19	Cone
Dnaja21	0.518595904	2.41E-19	Cone
Pgm11	0.542709658	2.72E-19	Cone
Kif1b2	0.485089101	2.79E-19	Cone
Ywhag1	0.538476903	3.48E-19	Cone
Atp5pf2	0.596904462	3.60E-19	Cone
Jpt1	0.516651079	3.99E-19	Cone
Ndufab11	0.52271991	4.17E-19	Cone
AABR07037451.21	0.285734037	4.50E-19	Cone
Mrps141	0.535289485	4.76E-19	Cone
Dnaja4	0.337226845	4.88E-19	Cone
Sdf21	0.570251488	5.51E-19	Cone
Tpd522	0.366662281	5.54E-19	Cone
Isca22	0.456486815	6.27E-19	Cone
Pcbp21	0.329104969	6.41E-19	Cone

Ndufv11	0.499314195	6.89E-19	Cone
Nfs1	0.415375358	7.18E-19	Cone
Rbac1	0.593478072	8.05E-19	Cone
Eif1	0.444593331	1.02E-18	Cone
Tceal11	0.452371448	1.02E-18	Cone
Slc6a81	0.559619587	1.17E-18	Cone
Krt10	0.452342229	1.18E-18	Cone
Trappc6b1	0.438668548	1.31E-18	Cone
Atp5po1	0.523710017	1.41E-18	Cone
Cops9	0.528851121	1.46E-18	Cone
Sucla21	0.468882374	1.65E-18	Cone
Akap811	0.331202406	1.90E-18	Cone
Shroom31	0.261687188	1.96E-18	Cone
Smc5	0.398830253	2.65E-18	Cone
Pfk11	0.291649486	2.73E-18	Cone
Ssb2	0.473144773	3.09E-18	Cone
Bsg1	0.430589307	3.18E-18	Cone
Ro601	0.340904579	4.14E-18	Cone
Mllt62	0.365468228	4.44E-18	Cone
Ndufv3.11	0.47728769	4.71E-18	Cone
Wdr552	0.459444703	6.37E-18	Cone
Tomm201	0.53985367	7.68E-18	Cone
Sf3b21	0.506998726	7.70E-18	Cone
Hsp90b1	0.700743571	7.76E-18	Cone
Phpt11	0.492138067	1.13E-17	Cone
Tspyl41	0.434435545	1.34E-17	Cone
Slc25a51	0.495567291	1.47E-17	Cone
Atp5flc2	0.550558973	1.59E-17	Cone
Ube2h1	0.380678133	1.69E-17	Cone
Atp5pd1	0.528475657	1.76E-17	Cone
Atp5fld1	0.547122758	1.95E-17	Cone
Sphkap1	0.359665943	2.24E-17	Cone
Snx21	0.315437655	2.30E-17	Cone
Fmc12	0.494389968	2.53E-17	Cone
Ndufv21	0.598868001	3.03E-17	Cone
Psmc11	0.44294434	3.03E-17	Cone
Ccs	0.43364036	3.05E-17	Cone
Cnot7	0.397066813	3.47E-17	Cone
Napa2	0.410706509	3.47E-17	Cone
Sec14l11	0.474331345	3.54E-17	Cone
Cct21	0.471391969	4.41E-17	Cone
Mgst32	0.423352548	4.57E-17	Cone
Ankrd501	0.432880833	4.68E-17	Cone

Fdps1	0.441802538	5.16E-17	Cone
Ndufaf8	0.396648035	5.41E-17	Cone
Timm10b1	0.479331926	6.56E-17	Cone
Plod11	0.682691565	6.95E-17	Cone
Bbs4	0.255911666	8.48E-17	Cone
Trappc31	0.548617583	8.61E-17	Cone
Fopnl	0.32160143	8.68E-17	Cone
Atp6v0b1	0.549912954	9.18E-17	Cone
Stxbp51	0.39937075	1.00E-16	Cone
Hpf11	0.351742724	1.20E-16	Cone
RGD15973391	0.500147182	1.43E-16	Cone
Mettl5	0.368857858	1.46E-16	Cone
Dhps1	0.411692162	1.54E-16	Cone
Glrx51	0.409389673	1.58E-16	Cone
Rnmt	0.481012462	1.58E-16	Cone
Atp5mc21	0.574724439	1.69E-16	Cone
Mrpl542	0.559675138	1.89E-16	Cone
Abcf21	0.410576748	1.92E-16	Cone
Wdr7	0.337602588	1.94E-16	Cone
Mcee	0.40100417	1.95E-16	Cone
Cdk11b2	0.401827471	2.28E-16	Cone
Adprh1	0.403365067	2.42E-16	Cone
Cdk2ap21	0.478171487	2.42E-16	Cone
LOC1036934301	0.48737216	2.46E-16	Cone
Mpc21	0.457420208	2.68E-16	Cone
Mrpl58	0.414338009	2.87E-16	Cone
Tmem126a1	0.399848248	3.12E-16	Cone
Rps19bp11	0.381948836	4.74E-16	Cone
Mrps9	0.428548645	5.02E-16	Cone
Canx1	0.529748766	5.14E-16	Cone
Ppdpf3	0.525346283	5.43E-16	Cone
RGD15663591	0.389309377	5.90E-16	Cone
Psmc61	0.439219719	6.59E-16	Cone
LOC1083481441	0.573416226	6.63E-16	Cone
Arl6ip51	0.580584196	7.29E-16	Cone
Ndufa61	0.502620843	7.32E-16	Cone
Pwwp2a	0.407927667	7.43E-16	Cone
Esd1	0.370995825	8.25E-16	Cone
Wwc22	0.404854981	8.31E-16	Cone
Ndufc11	0.509325913	8.34E-16	Cone
Lrpprc	0.363027755	8.43E-16	Cone
Son1	0.422120036	8.85E-16	Cone
Dctn61	0.485459017	9.09E-16	Cone

Gripap11	0.419183565	9.94E-16	Cone
Ipo7	0.351386086	1.14E-15	Cone
Ndufb71	0.516939467	1.20E-15	Cone
R3hdm41	0.399510967	1.31E-15	Cone
Ndufa131	0.504746822	1.75E-15	Cone
Paqr41	0.415379977	1.75E-15	Cone
Ttc33	0.453814477	1.79E-15	Cone
Macroh2a12	0.416602187	1.90E-15	Cone
Eif1a1	0.522795038	1.92E-15	Cone
Nop102	0.464404786	2.07E-15	Cone
Myo5a1	0.370848744	2.33E-15	Cone
Akr1a13	0.542305289	2.45E-15	Cone
Dennd5a1	0.537721281	3.01E-15	Cone
Sat22	0.529804514	3.20E-15	Cone
Mpp51	0.362519886	3.26E-15	Cone
Dhx29	0.463635994	3.44E-15	Cone
Ndufs21	0.412942974	3.84E-15	Cone
Kdm4a	0.505647462	4.47E-15	Cone
Gtf2a1	0.345263259	4.66E-15	Cone
Abhd81	0.425292401	4.83E-15	Cone
LOC1083481111	0.39768356	5.01E-15	Cone
Ccdc1861	0.416905635	5.28E-15	Cone
Chmp4b11	0.420148139	5.42E-15	Cone
Azin12	0.398272261	5.56E-15	Cone
Cct6a2	0.479358769	6.01E-15	Cone
Zrsr2	0.286638386	6.38E-15	Cone
Rnf141	0.383300884	6.70E-15	Cone
Uqrc21	0.443083455	7.04E-15	Cone
Dnm111	0.381694539	7.13E-15	Cone
Casc41	0.524260671	7.25E-15	Cone
Uqcc31	0.465485151	7.26E-15	Cone
Khdc41	0.290498181	8.00E-15	Cone
Oaz11	0.451937787	8.07E-15	Cone
Polr3k1	0.340514078	8.48E-15	Cone
Mapre31	0.290292967	9.78E-15	Cone
Nucb21	0.409864023	1.02E-14	Cone
Rhot2	0.323906911	1.08E-14	Cone
Ckap51	0.353046275	1.25E-14	Cone
Rsrc21	0.250237025	1.29E-14	Cone
Ubxn8	0.375905865	1.35E-14	Cone
Ilf21	0.357667629	1.48E-14	Cone
Bin11	0.398024071	1.49E-14	Cone
Far1	0.424731439	1.49E-14	Cone

Mrpl201	0.436841544	1.64E-14	Cone
Calm2.11	0.392983991	1.75E-14	Cone
Lsm41	0.462966669	1.86E-14	Cone
Cmtr1	0.490785092	1.88E-14	Cone
Dclre1a1	0.387479635	1.92E-14	Cone
Brcc3	0.26762665	2.07E-14	Cone
Rsl24d11	0.325590655	2.17E-14	Cone
Dync1i22	0.459913335	2.18E-14	Cone
Zranb22	0.466016789	2.28E-14	Cone
Paics1	0.363242791	2.48E-14	Cone
Polr1d1	0.471575257	2.73E-14	Cone
Cul5	0.276768705	3.15E-14	Cone
AABR07040855.1	0.386961655	3.24E-14	Cone
Nifk	0.400596507	3.37E-14	Cone
Zc3h152	0.487985655	3.85E-14	Cone
Nsfl1c1	0.366459685	4.09E-14	Cone
Tra2a1	0.350261156	4.28E-14	Cone
Mdh22	0.42022136	5.01E-14	Cone
Nono1	0.365795254	5.06E-14	Cone
Thoc71	0.477218307	5.57E-14	Cone
Spag71	0.342015795	6.28E-14	Cone
Fahd2a	0.457323916	6.44E-14	Cone
Srsf111	0.304765391	7.68E-14	Cone
Ndufb81	0.543971692	8.26E-14	Cone
Skp11	0.451183907	8.92E-14	Cone
Lrif1	0.398817598	8.94E-14	Cone
Csnk1a11	0.406863802	9.04E-14	Cone
Acyp21	0.398673257	9.71E-14	Cone
Spryd7	0.346311634	1.13E-13	Cone
Hnrnpm	0.380876469	1.18E-13	Cone
Gspt12	0.38186673	1.19E-13	Cone
Matr32	0.526096135	1.19E-13	Cone
Cfl21	0.371596412	1.20E-13	Cone
Paip22	0.432828579	1.38E-13	Cone
G6pc3	0.401983054	1.51E-13	Cone
Hnrnpa12	0.466305925	1.60E-13	Cone
Mrpl481	0.370256796	1.64E-13	Cone
Smarca41	0.372949195	1.83E-13	Cone
Tmem9b1	0.445224291	2.00E-13	Cone
Gon71	0.377279584	2.01E-13	Cone
Ppil11	0.311118236	2.06E-13	Cone
Mien11	0.385406221	2.43E-13	Cone
Pdrg11	0.440593004	2.57E-13	Cone

Wdte1	0.271949317	2.65E-13	Cone
Zc3h61	0.401243142	2.76E-13	Cone
Sipa1l31	0.323268855	2.77E-13	Cone
Ccdc1242	0.349765489	2.85E-13	Cone
Ctps1	0.262357052	2.90E-13	Cone
Fam216a	0.330842617	3.18E-13	Cone
Blcap	0.304104399	3.34E-13	Cone
Ncl2	0.442328555	3.41E-13	Cone
Eif2b3	0.31722806	3.48E-13	Cone
Psmb72	0.329934224	3.60E-13	Cone
Yeats42	0.378635557	3.92E-13	Cone
Amd1l	0.300394237	3.98E-13	Cone
Ublcp1l	0.50578008	5.18E-13	Cone
Pop7	0.29041107	5.60E-13	Cone
Brpf1	0.303325052	6.53E-13	Cone
Polr2g1	0.412552597	6.65E-13	Cone
Atp5md1	0.467570399	7.71E-13	Cone
Mat2a1	0.492195205	7.96E-13	Cone
Ca112	0.401301805	8.50E-13	Cone
Cycs1	0.398124895	8.90E-13	Cone
Cep19	0.334375994	9.04E-13	Cone
Ccm2	0.45239309	9.09E-13	Cone
Grcc10	0.489781369	9.68E-13	Cone
Rbm34	0.250775451	1.08E-12	Cone
Irf2bp1l	0.27244279	1.14E-12	Cone
Ube2n1	0.363023976	1.25E-12	Cone
Smad2	0.374849947	1.29E-12	Cone
Zfp207	0.366669433	1.40E-12	Cone
Slc6a6l	0.409337167	1.51E-12	Cone
Rnf10	0.448821028	1.64E-12	Cone
Ndufa3	0.461307472	1.70E-12	Cone
Polr2e1	0.380651628	1.81E-12	Cone
Inpp1	0.257025792	1.96E-12	Cone
Epm2aip12	0.335779938	2.01E-12	Cone
Aff42	0.37798973	2.02E-12	Cone
Cyc11	0.319043396	2.38E-12	Cone
Tob12	0.276238437	2.43E-12	Cone
Atxn7l3b2	0.40235898	2.50E-12	Cone
Gbbp1l	0.364436628	2.56E-12	Cone
MGC94207	0.422040352	2.64E-12	Cone
Rbm26	0.337310978	2.69E-12	Cone
Mrpl152	0.32290594	2.74E-12	Cone
Bola3	0.327146204	2.81E-12	Cone

Zcchc171	0.29206139	3.43E-12	Cone
Faf21	0.304120832	3.57E-12	Cone
Prdx51	0.423303011	4.15E-12	Cone
AABR07053687.12	0.419513486	4.29E-12	Cone
Nipsnap22	0.296564194	5.46E-12	Cone
Zwint1	0.278397218	5.52E-12	Cone
Eloc1	0.382603596	5.74E-12	Cone
LOC1003608281	0.304473904	6.27E-12	Cone
Mbnl22	0.411520048	7.15E-12	Cone
Aco21	0.380825224	7.80E-12	Cone
Cox6b11	0.449494026	7.84E-12	Cone
Srpkl1	0.304464881	8.24E-12	Cone
Atf7ip	0.356795044	8.79E-12	Cone
Clasp1	0.387665087	8.87E-12	Cone
Elob2	0.535189981	1.00E-11	Cone
Coa81	0.349250954	1.03E-11	Cone
Tcea1	0.337512823	1.04E-11	Cone
Ddx501	0.431134153	1.05E-11	Cone
Hddc3	0.284040678	1.24E-11	Cone
Tomm7	0.44105405	1.33E-11	Cone
Atp5fla1	0.411435127	1.35E-11	Cone
Zfp106	0.259833779	1.49E-11	Cone
Atp5mfl	0.411449805	1.73E-11	Cone
Suclg11	0.469375633	1.88E-11	Cone
Ubacl1	0.32481387	2.04E-11	Cone
Phfl41	0.289872135	2.07E-11	Cone
Atp6v1h1	0.353745296	2.08E-11	Cone
Pcm11	0.315921541	2.13E-11	Cone
Ndufs31	0.36770877	2.23E-11	Cone
Gps11	0.330295315	2.30E-11	Cone
Emc62	0.382182914	2.30E-11	Cone
Fkbp31	0.307579035	2.51E-11	Cone
Srsf12	0.291887309	2.58E-11	Cone
Tsnax2	0.296218707	2.82E-11	Cone
Pet100	0.368584719	3.53E-11	Cone
Ppt2	0.303735642	4.04E-11	Cone
Akap92	0.345903995	4.10E-11	Cone
Srp142	0.345692097	4.56E-11	Cone
Flywch11	0.298320003	4.88E-11	Cone
Ufl11	0.418536472	5.16E-11	Cone
Thyn1	0.27560199	5.56E-11	Cone
Glrx31	0.28251569	5.92E-11	Cone
Dctn21	0.563231872	6.05E-11	Cone

LOC1009109442	0.428411528	7.04E-11	Cone
Hnrnpul21	0.343951894	7.16E-11	Cone
Uqcc21	0.337419643	8.16E-11	Cone
Ypel5	0.292865303	8.79E-11	Cone
Atp6v1f1	0.401415779	9.07E-11	Cone
Tmem91	0.327832461	9.28E-11	Cone
Bcl2l2	0.26754797	9.99E-11	Cone
Vps36	0.328000153	1.01E-10	Cone
Smarcc21	0.390022965	1.11E-10	Cone
Ube2m2	0.355013321	1.17E-10	Cone
LOC1009116641	0.310201244	1.21E-10	Cone
Hdhd2	0.320864526	1.34E-10	Cone
Atp6v1d1	0.327256854	1.43E-10	Cone
Ev1l	0.315984564	1.55E-10	Cone
Kpnb11	0.425498397	1.69E-10	Cone
Hint1l	0.379738162	1.72E-10	Cone
Vmp11	0.295773501	1.96E-10	Cone
Khdrbs12	0.476589188	2.00E-10	Cone
Smdt1	0.287586949	2.10E-10	Cone
Dync1li1	0.262164932	2.33E-10	Cone
Atp11a	0.343257694	2.49E-10	Cone
Cwc152	0.34279702	2.67E-10	Cone
Mrpl211	0.257532289	2.69E-10	Cone
Zbed51	0.38513705	2.79E-10	Cone
RGD13117031	0.401205386	3.53E-10	Cone
Prkar1a2	0.372491745	3.55E-10	Cone
Arid2	0.276863869	4.15E-10	Cone
Sv2a1	0.274121883	4.16E-10	Cone
Sec622	0.325352234	4.45E-10	Cone
Ndufs81	0.35340528	4.70E-10	Cone
Clasp21	0.31806147	4.75E-10	Cone
Dnajb14	0.293893448	4.83E-10	Cone
Ndufa92	0.385304068	4.98E-10	Cone
Srp54a	0.356698515	5.68E-10	Cone
Mrpl45	0.277766107	7.67E-10	Cone
Cct31	0.337532235	7.77E-10	Cone
Med7	0.254627326	8.05E-10	Cone
Zfp4621	0.282009138	8.54E-10	Cone
Eif4ebp31	0.255926647	8.66E-10	Cone
Rasal21	0.266105489	9.61E-10	Cone
Rabggtb1	0.291854717	9.96E-10	Cone
Hnrnpf1	0.298204251	1.05E-09	Cone
Tcn21	0.269194635	1.06E-09	Cone

Ubxn61	0.301185069	1.10E-09	Cone
Nedd81	0.389763729	1.21E-09	Cone
Dynlrb12	0.405330759	1.22E-09	Cone
Rogdi1	0.386053208	1.39E-09	Cone
Ccdc251	0.313890569	1.40E-09	Cone
Micos10	0.35634814	1.41E-09	Cone
Ttc11	0.384261237	1.41E-09	Cone
Slirp	0.309058352	1.42E-09	Cone
Trim441	0.261175686	1.46E-09	Cone
Smpd1	0.317990999	1.47E-09	Cone
Ncoa12	0.270910263	1.65E-09	Cone
Vps4a1	0.338653803	1.76E-09	Cone
Tmem2221	0.326483499	2.11E-09	Cone
Ccdc1072	0.296017868	2.12E-09	Cone
Rtca1	0.423488189	2.13E-09	Cone
Bcas21	0.324942932	2.13E-09	Cone
Pin41	0.294712432	2.32E-09	Cone
Smim26	0.28978528	2.49E-09	Cone
Slc25a31	0.437589718	2.53E-09	Cone
Nop162	0.375707396	2.63E-09	Cone
Rbm2511	0.267691996	2.71E-09	Cone
Snx12	0.254282793	2.83E-09	Cone
Commd81	0.347920709	2.83E-09	Cone
Naa381	0.352629235	2.92E-09	Cone
Mrpl34	0.277869639	3.26E-09	Cone
Gpank1	0.299815093	3.55E-09	Cone
Mbd6	0.323815164	4.00E-09	Cone
Rab4b1	0.38137473	4.23E-09	Cone
Adnp2	0.343363479	4.50E-09	Cone
AC134224.32	0.377581569	4.72E-09	Cone
Cdip1	0.295793827	5.42E-09	Cone
Ube2v22	0.347028926	5.65E-09	Cone
Arl2bp1	0.338172097	6.10E-09	Cone
Ap1p21	0.256321768	6.64E-09	Cone
Alg21	0.311043589	7.33E-09	Cone
Sugt11	0.392930383	7.50E-09	Cone
Edf12	0.37088585	7.53E-09	Cone
Sars12	0.322923405	7.64E-09	Cone
Lypla21	0.257697397	7.66E-09	Cone
Cops41	0.36778649	8.25E-09	Cone
Ccdc1271	0.300802903	8.40E-09	Cone
Pqbp11	0.302894973	9.17E-09	Cone
Vcp	0.339738993	9.77E-09	Cone

Bcap31	0.31144876	1.20E-08	Cone
Naa501	0.320876837	1.23E-08	Cone
Mrps281	0.301289187	1.25E-08	Cone
Tcp12	0.324903972	1.39E-08	Cone
Ptdss2	0.299543466	1.40E-08	Cone
Hsbp11	0.284720322	1.44E-08	Cone
Cul31	0.336610785	1.56E-08	Cone
Hypk1	0.355818527	1.60E-08	Cone
Phb1	0.304854132	1.61E-08	Cone
Gcsh	0.271265421	1.70E-08	Cone
Pfdn61	0.273918759	1.71E-08	Cone
Paip12	0.427284073	1.85E-08	Cone
Nabp21	0.298019071	1.88E-08	Cone
Dnaje8	0.303891157	1.88E-08	Cone
Ppme11	0.310197686	1.90E-08	Cone
Oxct1	0.552601468	1.98E-08	Cone
Mt-cyb2	0.377727864	2.01E-08	Cone
Gtf3c11	0.266588867	2.01E-08	Cone
Mrps351	0.290542617	2.09E-08	Cone
Ciao2a	0.308511203	2.34E-08	Cone
Psmb61	0.31883096	2.38E-08	Cone
Smim11a	0.287101769	2.62E-08	Cone
Comm31	0.268975818	2.71E-08	Cone
Hnrnpk	0.356300533	2.73E-08	Cone
Luc71	0.270474883	2.84E-08	Cone
Erh1	0.322524436	2.93E-08	Cone
Hikeshi2	0.334489321	3.01E-08	Cone
Cwf19l22	0.306805947	3.06E-08	Cone
Idh3g1	0.250338163	3.12E-08	Cone
Phip1	0.303636398	3.63E-08	Cone
Clpx	0.333434735	3.73E-08	Cone
Gcc2	0.339794273	3.85E-08	Cone
Plcb42	0.397106444	3.87E-08	Cone
Atp6v1c11	0.254047791	4.07E-08	Cone
Sdhb1	0.263523967	4.30E-08	Cone
Etfal	0.386621347	4.36E-08	Cone
Actr102	0.251565982	4.39E-08	Cone
Naa35	0.255637549	4.57E-08	Cone
Aamp	0.329672763	5.45E-08	Cone
Pdzd11	0.332096639	5.47E-08	Cone
Cdc37l13	0.346192249	5.48E-08	Cone
Nrde2	0.279737582	6.47E-08	Cone
Rfc11	0.275873429	6.94E-08	Cone

Prmt12	0.312628841	7.65E-08	Cone
Zfp912	0.279802649	7.67E-08	Cone
Nop561	0.297340045	8.15E-08	Cone
Ubqln21	0.330927811	8.20E-08	Cone
Rbbp41	0.276055717	8.88E-08	Cone
Ociad11	0.282279654	9.39E-08	Cone
Tcerg11	0.437679441	9.90E-08	Cone
Hp1bp31	0.350249423	1.00E-07	Cone
Ssbp1	0.372999412	1.05E-07	Cone
Rbm18	0.452562675	1.12E-07	Cone
Anapc131	0.339767043	1.15E-07	Cone
Ybx1	0.307839487	1.18E-07	Cone
Ubxn4	0.32633866	1.30E-07	Cone
Cfdp11	0.29234835	1.51E-07	Cone
Eif3l1	0.338114296	1.71E-07	Cone
Mocs21	0.301900425	1.79E-07	Cone
Gpi2	0.269369793	1.93E-07	Cone
Mea11	0.281247477	1.93E-07	Cone
Utp11	0.269601704	2.15E-07	Cone
Rtraf2	0.329770091	2.54E-07	Cone
Pop41	0.272455787	2.58E-07	Cone
AABR07039356.22	0.293132435	2.86E-07	Cone
Top12	0.293641116	3.64E-07	Cone
RGD15599092	0.346978546	3.69E-07	Cone
Bud31	0.256555782	3.95E-07	Cone
Cops2	0.265248096	4.52E-07	Cone
Nmt12	0.308020505	4.81E-07	Cone
Mrpl17	0.310903345	4.86E-07	Cone
Trappe52	0.264266935	5.21E-07	Cone
Hnrnpa2b12	0.300082034	5.28E-07	Cone
Tsen34l1	0.272706294	5.61E-07	Cone
LOC100910732	0.341201796	6.07E-07	Cone
Idh3b1	0.289735465	6.17E-07	Cone
Cbx61	0.350442128	6.50E-07	Cone
Polr2m1	0.303431487	6.81E-07	Cone
Hnrnp32	0.276451039	7.66E-07	Cone
Ccdc121	0.274080607	7.84E-07	Cone
Rbm8a1	0.306948078	8.04E-07	Cone
Vdac21	0.277079526	8.14E-07	Cone
Hnrnpa31	0.302912645	8.86E-07	Cone
Eiflad	0.275262329	1.08E-06	Cone
Gatc1	0.263799322	1.09E-06	Cone
Mrpl42	0.275560571	1.14E-06	Cone

Rad211	0.257481765	1.20E-06	Cone
Dusp32	0.319890867	1.30E-06	Cone
Daam12	0.286055514	1.62E-06	Cone
Eif3g1	0.272097925	1.80E-06	Cone
Glod41	0.303802435	1.83E-06	Cone
Srrm21	0.347590208	1.84E-06	Cone
Srp9	0.324148407	1.88E-06	Cone
Csnk2a12	0.262501936	1.98E-06	Cone
Hdac5	0.321424919	2.40E-06	Cone
Tmem60	0.314983414	2.49E-06	Cone
Rnf6	0.250832801	2.56E-06	Cone
Supt4h1	0.256250724	2.72E-06	Cone
Grpel11	0.294252349	2.76E-06	Cone
LOC3067661	0.252271098	3.09E-06	Cone
Lamtor41	0.263035831	3.58E-06	Cone
Znhit1	0.293233232	3.77E-06	Cone
Prdx3	0.269117456	4.20E-06	Cone
Zfp6091	0.251255426	4.31E-06	Cone
Hspa81	0.431568848	4.60E-06	Cone
Mrps18a	0.429820343	4.66E-06	Cone
Psmb51	0.262592879	5.09E-06	Cone
Sdhc1	0.253684341	5.14E-06	Cone
Rab2b	0.264874006	6.05E-06	Cone
Pmpcb1	0.316196503	6.70E-06	Cone
Fip1111	0.302713391	7.33E-06	Cone
Rpl2211	0.290481731	7.84E-06	Cone
Tubb4b2	0.277426719	8.69E-06	Cone
Ufd1	0.28550749	1.01E-05	Cone
Uqcr113	0.295852621	1.19E-05	Cone
AABR07031491.21	0.294172214	1.24E-05	Cone
Stag21	0.268990779	1.32E-05	Cone
LOC680121	0.261483053	1.34E-05	Cone
Timm101	0.297128724	1.72E-05	Cone
Rap1gds11	0.262833994	1.83E-05	Cone
Zfp131	0.272184925	1.85E-05	Cone
Eif4e2	0.286415964	1.98E-05	Cone
Sdhaf2	0.328482982	2.07E-05	Cone
Cdc42bpa	0.252636734	2.24E-05	Cone
Sdha2	0.259268223	2.27E-05	Cone
Scaf111	0.336935092	2.43E-05	Cone
LOC6918073	0.269131328	2.59E-05	Cone
Eif4g2	0.323149268	3.16E-05	Cone
Uimc1	0.296827058	3.20E-05	Cone

Golga1	0.254337998	4.14E-05	Cone
Fam162a1	0.284086671	4.92E-05	Cone
Ccdc59	0.26115815	5.45E-05	Cone
Ywhab2	0.272012678	6.28E-05	Cone
Txn21	0.426308437	7.31E-05	Cone
Tfg	0.314105968	7.98E-05	Cone
Dynll13	0.292050084	9.14E-05	Cone
Cmip1	0.386967821	0.000108481	Cone
Rwdd11	0.252016669	0.0001416	Cone
Prpf38a	0.296451802	0.00019866	Cone
Sirt21	0.298309305	0.000201233	Cone
RGD1308134	0.348372525	0.000205916	Cone
H2az21	0.257021336	0.000238636	Cone
Mtx2	0.297299928	0.000270597	Cone
Farsa	0.314386766	0.000299417	Cone
Hspa9	0.269164478	0.0003286	Cone
Psmg11	0.282637322	0.00039571	Cone
Cdc371	0.258133835	0.000397586	Cone
Tomm22	0.393631981	0.000521507	Cone
Mcrs11	0.303030424	0.000551504	Cone
Ssbp31	0.266271584	0.000630244	Cone
Cltc1	0.26142702	0.000817372	Cone
Zfp280d	0.262259511	0.000890365	Cone
Nicn11	0.302179437	0.001219681	Cone
Chd41	0.2745486	0.001237145	Cone
Cope1	0.322711499	0.002155979	Cone
Acyp12	0.272383998	0.002554579	Cone
Coa31	0.402501892	0.002887622	Cone
Lysmd22	0.25117412	0.006650286	Cone
Dnajb41	0.340125245	0.014808134	Cone
Rtcb	0.257725642	0.01487731	Cone
Cdipt	0.302399207	0.027332492	Cone
Jtb1	0.264967098	0.068202351	Cone
Wdr26	0.311066803	0.099063764	Cone
Hspa52	0.302029995	0.128626252	Cone
Tmem421	0.258193751	1	Cone
Cd74	5.911889859	0	MC
Lyz2	5.687008433	0	MC
RT1-Da	5.348116146	0	MC
RT1-Db1	5.065112119	0	MC
RT1-Ba	4.731136132	0	MC
Fcer1g	4.694694806	0	MC
Tyrobp	4.539201118	0	MC

C1qa	4.447455473	0	MC
C1qb	4.368500789	0	MC
Aif1	4.301492623	0	MC
C1qc	4.118204839	0	MC
Plac8	3.701086683	0	MC
Ccl3	3.521777722	0	MC
Ccl4	3.513158204	0	MC
Csflr	3.433033311	0	MC
Cybb	3.37690763	0	MC
Cxcl2	3.174668168	0	MC
Il1b	3.166255543	0	MC
Ctsz	3.156593485	0	MC
Coro1a	3.13198512	0	MC
Laptn5	3.086851589	0	MC
Rgs1	3.049150041	0	MC
Cd68	2.943863937	0	MC
Napsa	2.863762909	0	MC
Ccl6	2.85051973	0	MC
Fcgr3a	2.841666525	0	MC
Slfn4	2.739267018	0	MC
Pld4	2.727289483	0	MC
Bcl2a1	2.694091447	0	MC
Pycard	2.678229706	0	MC
Ptpre	2.645711618	0	MC
Gmfg	2.626891425	0	MC
Gpx1	2.610511715	0	MC
Cyba2	2.603087059	0	MC
Rgs10	2.598433004	0	MC
Clec10a	2.585103939	0	MC
Tmsb4x2	2.573952448	0	MC
Lcp1	2.568095839	0	MC
Cfh1	2.556524092	0	MC
Ifi30	2.549712747	0	MC
Cd53	2.535954383	0	MC
Fcgr2a	2.453963274	0	MC
Tmem176a3	2.432829938	0	MC
Glpr1	2.425341408	0	MC
Cd83	2.411340748	0	MC
Itgb2	2.406800578	0	MC
RT1-CE101	2.392181972	0	MC
Alox5ap	2.374402533	0	MC
Gm2a	2.369231331	0	MC
Rac2	2.340318155	0	MC

Arpc1b2	2.317862946	0	MC
Unc93b1	2.311930057	0	MC
Mrc1	2.307829237	0	MC
Ftl11	2.284247993	0	MC
RGD1559482	2.274325442	0	MC
Grn3	2.269219132	0	MC
Trem2	2.259476795	0	MC
Cfd	2.235703707	0	MC
Clec4a1	2.22756989	0	MC
Pf4	2.192518318	0	MC
RT1-A21	2.183501968	0	MC
Pfn12	2.172558749	0	MC
Tnfaip812	2.159991001	0	MC
Ly86	2.134095834	0	MC
Tspo1	2.129170895	0	MC
Ucp2	2.125094734	0	MC
Ptpn6	2.083946287	0	MC
Fyb1	2.061078182	0	MC
Ifngr11	2.040039427	0	MC
Plek	2.025087285	0	MC
Spn	2.023992396	0	MC
Fcgr1a	2.007291615	0	MC
C3	2.000468623	0	MC
Psap2	1.994356435	0	MC
Limd2	1.979905158	0	MC
Actb3	1.977895533	0	MC
Arhgdib1	1.976452013	0	MC
Spi1	1.965771734	0	MC
Folr2	1.953640862	0	MC
Cxcr4	1.9432131	0	MC
Adgre1	1.930569372	0	MC
Lyn	1.915468652	0	MC
Apbb1ip	1.900908052	0	MC
Clec7a	1.891777268	0	MC
Lgals32	1.870740192	0	MC
Fxyd52	1.869008074	0	MC
Hck	1.859532258	0	MC
Lgmh	1.838417099	0	MC
Lsp1	1.836373525	0	MC
Serpinb1a	1.832256278	0	MC
RGD1563400	1.822066096	0	MC
Mafb	1.815201635	0	MC
Pou2f2	1.797363103	0	MC

Hcls1	1.777868389	0	MC
Dusp62	1.760204721	0	MC
Cotl11	1.753597212	0	MC
Clic13	1.750506317	0	MC
Lst1	1.737361269	0	MC
Nfkbiz	1.736412936	0	MC
Lilrb3a	1.701247367	0	MC
Il17ra	1.695083825	0	MC
Vsir	1.693282305	0	MC
Fermt3	1.690027088	0	MC
Ninj12	1.687545769	0	MC
Ctss	1.644152204	0	MC
Slfn21	1.643049453	0	MC
Naaa	1.63673158	0	MC
Cfp	1.633302286	0	MC
Map4k1	1.624650234	0	MC
Sh3bgrl32	1.603459569	0	MC
Rgs21	1.600547258	0	MC
Fam49b	1.594036185	0	MC
Cd37	1.574128913	0	MC
Fcgr2b	1.55823858	0	MC
Epsti1	1.551383471	0	MC
Fth12	1.531661888	0	MC
Rplp01	1.529198942	0	MC
MGC105649	1.528372725	0	MC
Sat12	1.526830416	0	MC
Abi3	1.498906149	0	MC
RT1-CE51	1.496327396	0	MC
Efhd2	1.493106559	0	MC
Lmo21	1.490990837	0	MC
Ighm	1.482174618	0	MC
Skap2	1.477080195	0	MC
Nckap11	1.472148251	0	MC
Ncf4	1.465421059	0	MC
Cmtm7	1.45644213	0	MC
Gpsm3	1.45015982	0	MC
Rhog	1.449017371	0	MC
B2m2	1.439661558	0	MC
Myo1f	1.435817775	0	MC
Fmn11	1.434698124	0	MC
Themis2	1.429108686	0	MC
Bin2	1.422042455	0	MC
Rps92	1.419755744	0	MC

C5ar1	1.399519374	0	MC
Sirpa	1.396977625	0	MC
Slc28a2	1.393407425	0	MC
Lipa	1.392369024	0	MC
Ncf1	1.383677226	0	MC
Tgfb11	1.378266663	0	MC
RT1-A11	1.371561808	0	MC
Csf2ra	1.358670279	0	MC
Blnk	1.352684251	0	MC
Was	1.350902981	0	MC
Gng2	1.349496885	0	MC
Ostf11	1.335478572	0	MC
Irf8	1.32981222	0	MC
Igsf6	1.321860156	0	MC
Slamf9	1.307202019	0	MC
Ugt1a6	1.298579419	0	MC
Zyx	1.293623721	0	MC
Myo1g	1.291713054	0	MC
Smpd13a	1.287390666	0	MC
Fgr	1.282942548	0	MC
Tf	1.277681413	0	MC
LOC691141	1.275901371	0	MC
Arhgap45	1.271882646	0	MC
Cap11	1.261709588	0	MC
Ccrl2	1.236311977	0	MC
Fcna	1.233875398	0	MC
Cytip	1.229798933	0	MC
Ptk2b	1.229336775	0	MC
Gna15	1.221520898	0	MC
Dock8	1.189575406	0	MC
Tlr2	1.184926333	0	MC
Twf2	1.173500224	0	MC
Irf5	1.171467414	0	MC
Nlrp3	1.170255993	0	MC
Snx20	1.169208357	0	MC
Slc11a1	1.166613408	0	MC
Rps6ka1	1.147946259	0	MC
Evi2a	1.137128589	0	MC
Ccr5	1.137005723	0	MC
Ramp1	1.13586556	0	MC
Lcp2	1.135265884	0	MC
Ptpre	1.130874945	0	MC
Creg1	1.127708877	0	MC

Cebpa	1.114610617	0	MC
Ppt1	1.108467261	0	MC
Inpp5d	1.108460558	0	MC
Samsn1	1.105245494	0	MC
Prked	1.104146548	0	MC
Mnda	1.102684906	0	MC
Cyth4	1.102167182	0	MC
Csk	1.099902382	0	MC
Gngt22	1.098978024	0	MC
Nfam1	1.097993067	0	MC
Glrx	1.093488916	0	MC
AABR07028769.1	1.086608988	0	MC
Arhgap9	1.083031595	0	MC
Sdf2l1	1.07928796	0	MC
Stk17b	1.072383011	0	MC
Klra2	1.071023683	0	MC
RT1-Bb	1.066811072	0	MC
Lyl1	1.062338153	0	MC
Ifi47	1.059113845	0	MC
Capg	1.056812782	0	MC
Prr13	1.055457355	0	MC
Tnfrsf13	1.054732689	0	MC
Tifa1	1.050112782	0	MC
Ptpn11	1.048554376	0	MC
Ptafr	1.023896288	0	MC
Rin3	1.014410612	0	MC
Pik3cg	1.010073668	0	MC
Tbxas1	1.008696732	0	MC
Slc15a3	1.002207275	0	MC
Sowahc	0.991689198	0	MC
Gpr183	0.988494532	0	MC
Hcst	0.986163333	0	MC
Cd4	0.984707296	0	MC
Syk	0.978548813	0	MC
Plbd1	0.975522669	0	MC
Metnl	0.968733559	0	MC
Ptpn22	0.966724614	0	MC
AABR07039446.2	0.965253496	0	MC
P2ry6	0.952408536	0	MC
Il6r	0.948546649	0	MC
Cx3cr1	0.940165758	0	MC
Itga4	0.927436656	0	MC
Arl11	0.922775749	0	MC

LOC100363469	0.900094322	0	MC
Ms4a6a	0.898543618	0	MC
Rgs19	0.89180309	0	MC
Smagp1	0.891109138	0	MC
RGD1561143	0.883868939	0	MC
Pik3cd	0.881502355	0	MC
Tnfrsf1b	0.877865137	0	MC
Tlr7	0.865508762	0	MC
Rel	0.861112301	0	MC
Il18	0.858302339	0	MC
Tifab	0.853257454	0	MC
Pstpip1	0.851659962	0	MC
AABR07035722.1	0.83125209	0	MC
Otulinl	0.825380684	0	MC
Rab32	0.8174434	0	MC
Clec4a3	0.79788764	0	MC
Nrros	0.79395221	0	MC
Arrb2	0.793034664	0	MC
Dock11	0.789069803	0	MC
Lrrc25	0.782743269	0	MC
Cyp2d3	0.773488077	0	MC
N4bp211	0.761745687	0	MC
Sla	0.760397144	0	MC
Dok3	0.750401917	0	MC
Cd86	0.737061997	0	MC
Evi2b	0.729142264	0	MC
Tm6sf1	0.712525868	0	MC
Pik3ap1	0.70885428	0	MC
Fgd2	0.698143277	0	MC
Fes	0.681216584	0	MC
Pkib	0.674675573	0	MC
Arhgap15	0.672354377	0	MC
Arhgap25	0.639450406	0	MC
Mapkapk3	0.630411903	0	MC
Sash3	0.619252134	0	MC
Grk2	0.619201282	0	MC
Rassf5	0.610350266	0	MC
Arpc41	1.332283942	1.75E-300	MC
Rnaset2	2.687866217	4.38E-299	MC
Tmem176b3	2.183916255	1.94E-298	MC
Vasp1	0.970139865	8.60E-298	MC
Ssh2	0.702813304	2.09E-297	MC
Rpl101	1.443699856	2.40E-295	MC

Dnase21	1.226721845	5.98E-295	MC
Rps121	1.435545685	8.07E-295	MC
RT1-CE41	1.325557476	1.84E-291	MC
Grb2	1.157940077	1.82E-289	MC
Npc21	2.462716767	1.97E-289	MC
Smap21	1.184249924	2.28E-289	MC
Tpm31	1.30164759	2.71E-285	MC
Ctsh2	1.618005541	5.87E-285	MC
LOC6877801	1.173767422	4.31E-284	MC
Mx1	1.059437642	3.15E-280	MC
Cd483	1.322828397	4.28E-280	MC
Arpc31	1.39902098	3.29E-279	MC
Ifngr2	0.743862034	1.55E-277	MC
Ppp1r181	0.850923579	9.14E-277	MC
Plekho12	0.971653375	6.45E-274	MC
Ctsb1	2.325440545	1.47E-273	MC
Tcirg1	0.718219627	2.41E-273	MC
S100a41	2.032115405	2.32E-270	MC
Rps111	1.260950291	3.10E-269	MC
Tnfaip8	0.959064972	2.09E-268	MC
Arpc21	1.429632097	1.69E-265	MC
Anxa41	0.974551585	4.60E-265	MC
Sik11	1.18694449	8.24E-262	MC
Runx1	0.604444899	6.79E-259	MC
Cd441	0.952092992	4.79E-257	MC
Sema4a	0.714203562	1.16E-254	MC
Actr3	1.33483823	1.75E-252	MC
Hmox1	1.010999793	3.28E-251	MC
Rpl352	1.139724988	1.66E-247	MC
Pak1	0.605168833	4.95E-245	MC
Dusp11	1.885409578	2.45E-244	MC
Man2b1	0.89691118	2.99E-242	MC
Sipa11	0.675017436	3.02E-242	MC
Cd14	1.053821555	3.64E-242	MC
Lpar6	0.868600364	1.03E-241	MC
Lrch4	0.630844032	2.84E-240	MC
Plxnb21	1.072463343	2.71E-237	MC
Fam49a	0.834165971	4.84E-237	MC
Snx18	1.081563277	6.57E-237	MC
Zc3h12a	0.903403792	8.56E-236	MC
Ehd41	0.263030923	1.26E-235	MC
Dse	0.702910576	5.29E-235	MC
LOC1003600871	1.372324424	4.12E-234	MC

Gnai22	1.15612058	2.58E-233	MC
Tpt12	1.02032333	1.14E-232	MC
Cklf	1.009680781	3.75E-232	MC
Cndp2	0.861260171	3.85E-231	MC
Stk4	0.731296503	5.45E-230	MC
Xdh	1.112018696	1.28E-229	MC
Lpcat2	0.628912217	4.34E-229	MC
Slc43a2	0.622427183	4.94E-226	MC
Msn2	1.463239164	5.59E-226	MC
P2rx41	0.69887582	1.53E-224	MC
Fli11	0.571090601	1.63E-224	MC
Srgn1	1.623781866	2.22E-223	MC
Ogfrl1	0.763316221	1.18E-222	MC
Srgap21	0.889017452	8.60E-222	MC
Rpl18a	1.073157603	1.20E-219	MC
Mvp	0.976752889	4.08E-218	MC
Cxcl161	1.365953622	8.86E-218	MC
Cybc1	0.666678674	4.38E-216	MC
Mgst1	1.205133335	3.53E-215	MC
Otulin	0.559353329	1.51E-214	MC
Samd9	0.783834344	3.50E-212	MC
Coro1b1	0.939558483	2.36E-211	MC
Ywhah1	1.348222078	7.91E-210	MC
Rps182	1.107348248	3.61E-208	MC
Baz1a	0.553780135	9.20E-207	MC
Cebpb2	1.935620984	4.37E-206	MC
Ctsa2	1.506320683	2.48E-204	MC
Dbnl	0.754300697	2.62E-203	MC
Tgfbr1	1.068896472	6.07E-202	MC
Erp291	1.193192466	1.08E-201	MC
Pde4b	0.646182582	4.82E-201	MC
LOC1083526501	1.044037994	4.92E-201	MC
Arhgdia3	1.049005461	6.45E-201	MC
Myof	0.669956472	6.13E-200	MC
Scamp2	0.826292946	1.18E-199	MC
Gng101	1.424524581	5.57E-199	MC
LOC1003644352	1.328719913	9.01E-199	MC
Tln13	1.09367081	1.02E-197	MC
Gamt1	0.511148912	2.96E-197	MC
Mapkapk2	0.803729453	1.46E-196	MC
Map3k8	0.896187154	2.57E-196	MC
Casp1	0.757291194	3.60E-196	MC
Rps232	0.98014457	4.70E-196	MC

Eif4ebp1	0.841994827	6.57E-196	MC
Stx7	0.815352512	1.86E-194	MC
RGD1304694	0.476650189	8.60E-194	MC
Rpl182	0.979964229	9.97E-193	MC
Tep1	0.594842787	1.91E-192	MC
Cd3022	1.046818554	2.88E-192	MC
Wipf11	0.692865062	7.97E-192	MC
LOC100361854	1.184099563	1.93E-191	MC
Psmb101	0.944238156	1.97E-190	MC
LOC1009118471	0.993219538	2.51E-190	MC
Rpl27a2	1.019109393	2.87E-189	MC
Pgls2	0.90901832	1.08E-188	MC
Ptpn1	0.823617161	3.15E-188	MC
Cmtm61	0.82330755	6.47E-188	MC
Fuca12	1.045893584	1.09E-187	MC
Cnpy3	0.598173554	1.39E-186	MC
Rps22	1.084761467	5.63E-184	MC
Rcsd1	0.597214781	1.06E-183	MC
Sh2b31	0.681717909	1.99E-182	MC
Cfl13	1.047628654	1.46E-179	MC
Arhgap17	0.659421559	2.04E-178	MC
Psmb93	1.027869211	2.32E-178	MC
Cib1	0.702202211	3.65E-178	MC
Pla2g15	0.64766918	3.97E-178	MC
Myo9b	0.549851169	2.48E-177	MC
Rpl371	1.045537174	3.91E-176	MC
Sh3kbp1	0.720211538	4.01E-176	MC
LOC1003600572	1.011430505	1.76E-175	MC
Tkt2	1.272398691	3.92E-175	MC
Actr21	1.040867922	5.90E-175	MC
Tuba1c1	0.906581898	1.14E-173	MC
Lrrfip11	0.700613251	2.78E-171	MC
Snx5	0.83879825	2.85E-171	MC
Arpc52	1.070605169	3.17E-171	MC
Plin21	0.637661984	1.08E-170	MC
Necap2	0.71751454	1.43E-170	MC
Rpl281	0.903515705	4.09E-170	MC
Ier53	0.870430922	5.98E-170	MC
Pkn1	0.587245246	1.19E-169	MC
Anxa31	2.501706491	1.31E-169	MC
Atp1b31	0.60216261	9.71E-169	MC
Slc29a3	0.792806085	4.53E-167	MC
Rpl311	0.944108221	1.21E-166	MC

Capzb1	1.067888865	1.07E-165	MC
Nfkb12	0.710194025	1.13E-165	MC
Rpl142	0.864838398	2.61E-165	MC
Psme13	1.041861879	7.85E-165	MC
Rps15	0.833009447	9.75E-165	MC
Rpl24	0.940571854	4.53E-164	MC
Rpsa2	0.911602206	5.08E-164	MC
Rpl151	0.979574279	6.44E-164	MC
Rps27a.11	0.931809492	1.32E-163	MC
Rpl62	0.990845461	1.10E-162	MC
Rps201	0.982106649	1.60E-162	MC
Orai2	0.492247208	3.47E-162	MC
Ctla2a1	0.844113727	4.24E-162	MC
LOC108348098	0.631513934	4.97E-162	MC
Itga62	0.628228383	5.08E-162	MC
Rps3a2	0.952964892	7.61E-162	MC
Colgalt11	0.595089976	1.30E-161	MC
Gda	1.007487505	5.65E-161	MC
Rbm32	1.129055332	2.58E-160	MC
Sp1101	0.698833858	2.75E-159	MC
Akna	0.398501954	5.64E-159	MC
Fam107b2	0.429339706	7.10E-159	MC
RT1-T24-41	1.13066111	8.41E-159	MC
Tent5a1	0.785805758	1.19E-158	MC
Sp140	0.497188835	4.03E-158	MC
Ap1s2	0.645301544	5.63E-158	MC
Blvra	1.162395657	4.75E-157	MC
Nt5c	0.456453149	2.32E-156	MC
Gna122	0.841024274	6.79E-155	MC
Zfp7031	0.700071132	1.79E-154	MC
Rps52	0.941991443	2.02E-153	MC
Id2	1.053081966	2.56E-153	MC
Pid1	0.763621551	6.51E-153	MC
Ccnd12	0.785709138	2.84E-152	MC
Oasl2	0.821756535	2.97E-152	MC
Mob1a1	0.684118583	7.87E-152	MC
Brk12	0.864122988	1.08E-151	MC
LOC100911372	0.97719147	1.13E-151	MC
Rps171	0.955944247	3.16E-151	MC
Rpl131	0.841124299	1.68E-150	MC
Man2b2	0.664148026	9.40E-150	MC
Rpl17	0.935236804	1.23E-149	MC
Trex1	0.63505893	1.55E-147	MC

Diaph1	0.863559603	1.86E-147	MC
Rpl411	0.798942403	1.02E-146	MC
Pold41	0.694415215	3.87E-146	MC
Nadk	0.944756029	7.56E-146	MC
Rpl112	0.880075647	7.71E-146	MC
Capza1	0.716842886	9.63E-146	MC
Rpl292	0.831821701	1.44E-144	MC
Rps272	0.877507224	1.51E-144	MC
Parp1	0.645505622	1.81E-144	MC
Rack1	0.902388374	1.99E-144	MC
Rps282	0.908714976	2.11E-144	MC
Shisa53	0.951737132	3.76E-144	MC
Rplp11	0.74301805	8.11E-144	MC
Cdc42se11	0.652359747	5.70E-143	MC
St3gal51	0.720941745	6.45E-142	MC
Eef1a12	1.060232584	8.74E-142	MC
RT1-T24-32	0.325238709	1.59E-141	MC
Psme22	0.929334618	3.35E-141	MC
Atox12	0.940771186	4.56E-141	MC
Uba52	0.748795277	1.22E-140	MC
Glb1	0.552400209	3.82E-140	MC
Rac12	0.80534963	9.63E-140	MC
Rps81	0.763600785	4.72E-139	MC
Vmp12	0.624198185	7.10E-139	MC
Arf61	0.62188972	5.14E-138	MC
Atp1b1	1.072266701	5.48E-136	MC
Tes1	0.463037813	5.48E-136	MC
Gbp2	0.862304979	1.38E-135	MC
Crlf2	0.522389924	6.29E-135	MC
Arap11	0.719113714	7.86E-135	MC
Iqgap12	0.820585516	3.20E-134	MC
Cnppd1	0.595076222	1.31E-133	MC
Tpp1	0.830436152	1.89E-133	MC
Gabarap3	0.815499553	1.69E-132	MC
Mknk21	0.706105733	3.38E-132	MC
Lpcat3	0.536092966	6.12E-131	MC
Sft2d12	0.724169256	3.03E-129	MC
Dab2	1.096878533	3.30E-128	MC
Cast3	0.929626524	3.69E-126	MC
Tapbp	0.420785628	5.51E-125	MC
Cytip12	0.671366173	1.33E-122	MC
Gmpr	0.919729384	5.22E-122	MC
Baspl1	0.967527139	1.48E-121	MC

Wdr12	0.713410399	3.96E-121	MC
Dnm21	0.549975178	1.30E-120	MC
Acs15	0.434167197	1.47E-120	MC
Dnase111	0.554798567	3.00E-120	MC
LOC1083495483	0.820056707	4.56E-120	MC
Parp141	0.615330234	7.41E-120	MC
Rps4x.12	0.848089843	1.83E-119	MC
Ezr	0.977482324	3.46E-119	MC
Rps19121	0.898953334	6.95E-119	MC
Rps132	0.815750157	3.94E-118	MC
Rpl232	0.747034995	1.05E-116	MC
Arhgef11	0.569260809	4.20E-115	MC
Hexb	1.223710816	7.12E-115	MC
Klf42	0.903797852	8.19E-115	MC
Rps3	0.749800049	1.71E-114	MC
Eef1b2	0.878511127	2.06E-114	MC
Myd88	0.541950343	2.55E-114	MC
Snx22	0.634866369	5.42E-114	MC
Pabpc1	0.701138637	1.15E-113	MC
Rpl322	0.846561483	5.06E-113	MC
Rps102	0.801640968	7.79E-113	MC
Gltpl	0.533007735	8.31E-113	MC
Irf2	0.519024681	2.33E-112	MC
Rpl341	0.71312209	3.17E-112	MC
Tmem179b	0.603501514	4.43E-112	MC
Dgkz	0.483347177	8.13E-112	MC
Rab8b	0.705472824	1.16E-111	MC
Rpl5	0.773503576	2.24E-111	MC
Lamp23	0.982285594	2.87E-111	MC
Ptbp3	0.433831842	5.09E-111	MC
AABR07059663.1	0.559735132	1.50E-110	MC
Znrf2	0.442425068	1.54E-110	MC
Rps162	0.754840967	1.97E-110	MC
Man1c1	0.466068169	5.69E-109	MC
Rpl27	0.736246544	3.63E-108	MC
H2aj	0.546091301	9.87E-108	MC
Cebpg	0.457003165	4.58E-107	MC
Leprot2	0.594340654	2.13E-105	MC
Ddx39a	0.428915244	3.26E-105	MC
Atp6v0e13	0.624882992	9.57E-105	MC
LOC100359951	0.677002395	1.06E-104	MC
Grk6	0.559324282	1.28E-104	MC
Gnb23	0.683342947	4.22E-104	MC

Polr1d2	0.542245472	2.76E-103	MC
Axl2	0.793474606	6.84E-103	MC
Lasp12	0.619493141	9.01E-103	MC
Pltp2	1.754968836	1.36E-102	MC
Dera	0.501111183	2.89E-102	MC
Rpl4	0.751491187	4.94E-102	MC
Rnpepl1	0.394788292	1.49E-101	MC
Myl63	0.665651564	2.18E-101	MC
Gns.11	0.724078363	3.40E-101	MC
Marcks3	0.969769792	4.83E-101	MC
Rps27a	0.798521001	6.31E-101	MC
Nfe2l23	0.706131237	7.79E-101	MC
Rps15a1	0.693605719	1.05E-100	MC
Rab5c2	0.671585828	1.46E-100	MC
Ch25h	0.802968433	1.85E-100	MC
Rasa31	0.534600125	2.83E-100	MC
M6pr1	0.639382993	3.05E-100	MC
Rpl37a2	0.591439816	4.26E-100	MC
Adipor2	0.388703795	5.40E-100	MC
Ctnbp2nl2	0.558213157	7.36E-100	MC
Tmem192	0.415201816	2.43E-99	MC
Akap132	0.656010665	3.17E-99	MC
Prelid1	0.625741544	5.67E-99	MC
Tut7	0.510297161	8.90E-99	MC
LOC6859631	0.728049831	1.52E-98	MC
Tmem1342	0.524747014	4.15E-98	MC
Nfkbia2	1.251081245	6.48E-98	MC
LOC100360117	0.831856891	7.99E-98	MC
Jak2	0.427649153	2.13E-97	MC
LOC1083482871	0.761832897	7.24E-96	MC
Rpl122	0.754025292	2.87E-95	MC
Serp11	0.696485252	1.04E-94	MC
Reep52	0.713727037	1.31E-94	MC
Bst21	0.728017796	3.03E-94	MC
Gna13	0.442630988	3.29E-94	MC
Fcgrt2	0.956731659	7.26E-94	MC
Eif4e21	0.472789413	1.19E-93	MC
Bola22	0.743124008	1.38E-93	MC
Rpl36a2	0.810132056	5.77E-93	MC
Sgpl1	0.353636305	6.12E-93	MC
LOC100360218	0.424001368	1.79E-92	MC
Cdk2ap22	0.589364261	2.87E-92	MC
Plekha2	0.420785671	7.11E-92	MC

Tmem243	0.356208499	1.15E-91	MC
Lactb	0.300596017	5.03E-91	MC
Cst31	3.111264099	3.21E-90	MC
Git21	0.33539897	3.44E-90	MC
Vim3	0.814016731	1.77E-89	MC
Ppp1ca1	0.673239258	5.44E-89	MC
Cd473	0.570563822	5.66E-89	MC
Rhoa3	0.620745564	8.34E-89	MC
Abrac12	0.590249945	3.28E-88	MC
Wasf21	0.506847167	1.01E-87	MC
Cstb2	0.728130597	1.61E-87	MC
Klfl133	0.607997852	2.94E-87	MC
Acs14	0.35372136	3.74E-87	MC
Lta4h	0.404293851	7.75E-87	MC
Sh3glb11	0.562595044	4.65E-86	MC
Tap11	0.479720058	1.18E-85	MC
Tmem14c2	0.56059354	2.10E-85	MC
RT1-S33	0.573072082	2.98E-85	MC
AABR07065438.1	0.539928688	5.62E-85	MC
Nnt	0.379580875	1.70E-84	MC
Parp9	0.487779597	3.18E-84	MC
Rps24	0.655077323	1.32E-83	MC
Ralb1	0.454135313	1.81E-83	MC
Asah11	0.540073827	2.07E-83	MC
Alcam1	0.292126362	4.05E-83	MC
Bloc1s2	0.402598102	4.75E-83	MC
Stat11	0.627635012	5.11E-83	MC
Lepro11	0.445253231	5.79E-83	MC
Zeb22	0.645015975	1.03E-82	MC
Elf1	0.416778255	1.34E-82	MC
Sppl2a1	0.428510416	1.97E-82	MC
Iah12	0.50887675	8.16E-82	MC
Rpl362	0.595532381	3.01E-81	MC
LOC1036933751	0.768542022	4.08E-81	MC
Mfsd1	0.325713299	9.30E-81	MC
Mapre11	0.475542416	2.01E-80	MC
Gdi22	0.547058488	2.76E-80	MC
Myl12b1	0.786379922	5.59E-80	MC
Entpd11	0.305632403	5.94E-80	MC
Ifnar11	0.403909601	6.33E-80	MC
Timp22	0.72804203	3.30E-78	MC
Rps7	0.62623199	8.70E-78	MC
Zfp6221	0.287303088	1.00E-77	MC

LOC108349606	0.428643043	1.37E-77	MC
G6pd	0.384213603	1.64E-76	MC
Cmip2	0.420407909	1.95E-76	MC
Slco2b11	0.959596514	2.43E-76	MC
Stard3	0.291921231	4.33E-76	MC
Sod2	1.202070653	4.76E-76	MC
Cnp1	0.333797722	6.34E-76	MC
Jpt11	0.580670782	1.18E-74	MC
Btg12	0.829981985	1.21E-74	MC
Atf32	0.558056036	1.79E-74	MC
LOC100360413	0.545307617	2.20E-74	MC
Gtf3a	0.373992637	2.79E-74	MC
Icam11	0.545964559	1.16E-73	MC
Notch21	0.471243449	1.62E-73	MC
Atp13a2	0.567407402	1.88E-73	MC
Lgals3bp2	0.620931941	2.90E-73	MC
Snrpe	0.604698902	4.39E-73	MC
Coro1c	0.311372638	4.57E-73	MC
Bcap311	0.450589911	4.80E-73	MC
Rpl23a	0.633005598	8.31E-73	MC
Naca1	0.580180621	1.03E-72	MC
Eef1g1	0.635105049	2.34E-72	MC
Zc3hav1	0.409024238	7.11E-72	MC
LOC102555453.1	0.429111696	2.42E-71	MC
Wsb1	0.339191975	2.72E-71	MC
Ifitm11	1.059786369	4.40E-71	MC
Ankrd13a1	0.335298219	7.68E-71	MC
Pon22	0.477125278	9.17E-71	MC
Zbtb8os	0.375342375	2.60E-70	MC
Rpl26	0.601288976	2.99E-70	MC
Pnp1	0.356544397	3.26E-70	MC
Cnot8	0.410605234	1.22E-69	MC
LOC108349682	0.642143095	2.66E-69	MC
Sin3b	0.416449518	7.03E-69	MC
Rpl33	0.652298436	9.72E-69	MC
Man2a11	0.427315327	9.56E-68	MC
Arpc5l	0.521615043	1.10E-67	MC
Txnip3	0.524468388	1.45E-67	MC
AC141489.11	0.619338123	2.18E-67	MC
Stat2	0.437834937	2.96E-67	MC
Msrbl1	0.948834972	3.23E-67	MC
Ciao2a1	0.364420703	3.73E-67	MC
Anxa113	0.456926725	7.09E-67	MC

Rin21	0.558905128	2.08E-66	MC
Rpl71	0.524214882	4.03E-66	MC
Ppp2r5a1	0.416670949	6.68E-66	MC
Map3k31	0.350995148	1.49E-65	MC
Nsa2	0.487148797	2.47E-65	MC
Dpy19l1	0.365037321	3.71E-65	MC
Rpl32.1	0.303839396	5.17E-65	MC
Orai12	0.351710687	6.59E-65	MC
Qars1	0.360159272	8.88E-65	MC
Aph1b3	0.613660188	1.67E-64	MC
Lap31	0.504634964	3.33E-64	MC
Ccdc503	0.484333127	4.06E-64	MC
Taf10	0.4141624	4.36E-64	MC
Elk31	0.2733676	4.37E-64	MC
Rilpl2	0.572188954	5.28E-64	MC
Stat62	0.358060499	8.61E-64	MC
Rps211	0.626756233	1.14E-63	MC
LOC1003614573	0.705874306	1.25E-63	MC
Capza22	0.515932263	2.62E-63	MC
Ahcy	0.358719029	2.97E-63	MC
Heca1	0.40414645	3.10E-63	MC
Rab8a	0.378086633	3.17E-63	MC
Glod42	0.422579113	6.91E-63	MC
Ing21	0.535407879	2.30E-62	MC
Nr4a12	0.911039026	5.08E-62	MC
Npm11	0.62207644	6.22E-62	MC
LOC1083481752	0.456881297	1.87E-61	MC
Klf6	0.382004459	1.99E-61	MC
Pink1	0.335859853	3.97E-61	MC
Eef1d2	0.457013848	9.66E-61	MC
B4galt5	0.444823507	2.03E-60	MC
Picalm1	0.42355787	2.36E-60	MC
Rab27a	0.293890704	3.64E-60	MC
Arid4a	0.261852077	6.83E-60	MC
Serf22	0.49633196	1.03E-59	MC
Eef22	0.560605303	1.17E-59	MC
Klf31	0.429451444	1.18E-59	MC
Rpl10a	0.616530454	3.00E-59	MC
Cd1641	0.476415187	3.49E-59	MC
Taldo12	0.662157745	5.73E-59	MC
Flot11	0.461928184	6.23E-59	MC
Btg22	0.909179597	1.54E-58	MC
Ehd1	0.393568272	2.65E-58	MC

Ctnnb1	0.452811794	3.25E-58	MC
LOC1083480621	0.487554104	4.37E-58	MC
Hm131	0.373148622	1.09E-57	MC
Sumf1	0.321571853	1.22E-57	MC
Tprg112	0.333474557	1.45E-57	MC
Dstn1	0.47432541	1.77E-57	MC
Nubp11	0.328344058	1.87E-57	MC
Itgb13	0.549219482	1.05E-56	MC
Scpep12	0.476783079	7.08E-56	MC
Hmgb21	0.412825023	7.22E-56	MC
Ctbs2	0.316021271	1.10E-55	MC
Abhd121	0.51147276	2.73E-55	MC
Sri2	0.4359968	3.30E-55	MC
Mt-co31	0.41534996	8.38E-55	MC
Ube2l3	0.379964325	2.57E-54	MC
Cr1l2	0.347670485	4.42E-54	MC
Ssr41	0.58910373	4.65E-54	MC
Eif3f	0.493395632	5.10E-54	MC
RGD1309104	0.281966472	7.51E-54	MC
Nop53	0.461776651	8.21E-54	MC
Evl2	0.338585323	2.55E-53	MC
Gaa1	0.560691579	3.89E-53	MC
LOC1003608412	0.77510773	4.21E-53	MC
AABR07072356.1	0.367018096	8.63E-53	MC
Snx11	0.342733248	1.21E-52	MC
Atm	0.340542699	1.39E-52	MC
Tmbim4	0.347197684	1.44E-52	MC
Cd822	0.346998378	2.02E-52	MC
Rpl30	0.556546831	2.24E-52	MC
Mrpl32	0.277353587	4.29E-52	MC
Rpl191	0.424825687	5.88E-52	MC
Myadm1	0.49696254	6.23E-52	MC
Pdcd102	0.317653534	1.80E-51	MC
Map2k1	0.26107234	4.34E-51	MC
Hsp90ab12	0.546467169	5.22E-51	MC
Actg12	0.346080252	7.02E-51	MC
Ppp1r15a3	0.63136288	7.34E-51	MC
Aph1a1	0.262301415	8.85E-51	MC
LOC1009107321	0.3299275	1.07E-50	MC
LOC100362027	0.478176762	1.35E-50	MC
LOC498555	0.400038808	2.24E-50	MC
Resf11	0.29142347	3.50E-50	MC
Ppp1r9b1	0.398664735	4.09E-50	MC

Commd9	0.265473843	4.10E-50	MC
Wdr261	0.331661599	5.96E-50	MC
Rps10.1	0.524813703	1.02E-49	MC
Lamp13	0.670556827	1.89E-49	MC
Glud12	0.435277192	2.08E-49	MC
Impdh21	0.410577363	4.68E-49	MC
Ifrd11	0.407565439	5.87E-49	MC
Ets21	0.332543613	6.49E-49	MC
Ptp4a1	0.326781783	1.81E-48	MC
Mt-co22	0.416678119	6.93E-48	MC
Tmbim6	0.329632944	2.34E-47	MC
Cdc421	0.461950226	2.42E-47	MC
Abi11	0.314053301	2.80E-47	MC
Mrpl521	0.382829226	3.98E-47	MC
Tagln22	0.616325133	4.11E-47	MC
Hebp11	0.390630972	5.22E-47	MC
Ppp1r14b2	0.409460221	5.52E-47	MC
Ube2d3	0.42059234	3.15E-46	MC
Tab2	0.283035284	3.30E-46	MC
Crip13	1.023090719	3.96E-46	MC
Fcho22	0.329221536	1.38E-45	MC
Clint1	0.344846402	1.93E-45	MC
Akt1	0.396762056	6.24E-45	MC
Tnip1	0.281497514	2.30E-44	MC
Pnrc2	0.341216223	2.40E-44	MC
Usp8	0.25167475	1.05E-43	MC
Ctsd1	1.587348751	1.56E-43	MC
Mt-nd33	0.477375679	1.59E-43	MC
Ptp4a21	0.327705999	1.98E-43	MC
Gnai31	0.339247292	4.64E-43	MC
Dpp71	0.452347059	9.84E-43	MC
Clptm111	0.303413906	1.39E-42	MC
Med101	0.274728004	2.14E-42	MC
Sdcbp2	0.275184889	2.61E-42	MC
H1f4	0.573631507	3.54E-42	MC
Ubxn11	0.343841573	1.21E-41	MC
Rps25	0.485879962	1.54E-41	MC
Srebf22	0.25655314	2.12E-41	MC
Glnp2	0.395639774	2.13E-41	MC
Mt-nd22	0.449947023	3.96E-41	MC
Tns32	0.387713415	6.04E-41	MC
Chic2	0.280560209	7.93E-41	MC
Lrp103	0.297424323	8.02E-41	MC

Gpnmbl	0.897616608	7.25E-40	MC
Eif4b	0.268165588	1.71E-39	MC
Fgl22	0.463647455	2.43E-39	MC
Mt-atp62	0.376353071	2.78E-39	MC
Rragc	0.326794632	9.03E-39	MC
LOC1003595832	0.401666236	9.52E-39	MC
Dynlt1	0.283283703	1.47E-38	MC
Eif4a1	0.386537157	9.12E-38	MC
Pnrc11	0.413049748	1.94E-37	MC
Magt13	0.25577066	4.00E-37	MC
Degs11	0.25120509	9.77E-37	MC
Wnk11	0.259877622	1.49E-36	MC
Fyn2	0.608711961	4.77E-36	MC
Ap2s11	0.334341486	5.42E-36	MC
Lman21	0.263328285	6.62E-36	MC
Cggbp1	0.262008106	1.19E-35	MC
Oaz12	0.298025191	1.19E-35	MC
Rab311	0.385376557	3.09E-35	MC
Tsc22d33	0.281755804	5.62E-35	MC
Susd62	0.282934227	7.26E-35	MC
Hsd17b102	0.273559754	1.20E-34	MC
Jund3	0.270949376	1.22E-34	MC
LOC100360449	0.38804453	1.81E-34	MC
Naga	0.268364385	3.90E-34	MC
Idh22	0.296266787	4.30E-34	MC
Pdcd63	0.288867944	8.43E-34	MC
Sec14l12	0.27626684	9.49E-34	MC
Atp5fle2	0.347297385	1.04E-33	MC
Mef2a1	0.286000726	1.30E-33	MC
Lamtor1	0.262729675	1.45E-33	MC
Rnh11	0.261610761	1.54E-33	MC
Tcn22	0.319855422	2.81E-33	MC
Aga3	0.310750525	1.07E-32	MC
Dusp33	0.371683466	1.68E-32	MC
H3f3c1	0.424743033	3.00E-32	MC
Nme23	0.335668217	9.13E-32	MC
Rab7a3	0.293771529	4.94E-31	MC
Bri32	0.390455103	1.30E-30	MC
Krcc11	0.25344427	1.62E-30	MC
Anxa23	0.663180525	2.89E-30	MC
Ywhab3	0.301708195	1.09E-29	MC
Anp32b1	0.313644826	4.83E-29	MC
Aprt3	0.267037671	1.43E-28	MC

Rps27l3	0.325162865	1.57E-28	MC
Anxa72	0.284686938	2.07E-28	MC
Flna3	0.498072015	3.05E-28	MC
Cox7a2l	0.350915184	6.57E-28	MC
Zfp36l13	0.299434832	7.38E-28	MC
Pcna	0.250739133	6.85E-27	MC
Crem	0.303280854	2.69E-26	MC
S100a113	1.073000618	5.79E-26	MC
Ctsf2	0.387080207	3.84E-25	MC
Cox172	0.273351117	3.86E-25	MC
Lamtor42	0.297541917	4.79E-25	MC
Tgfbi1	0.434756365	7.44E-25	MC
Rpl21.3	0.2932369	1.89E-23	MC
Ost4	0.320767845	2.03E-23	MC
Eif5a2	0.354840132	1.50E-22	MC
Txn12	0.295942138	2.16E-20	MC
Tnfrsf1a1	0.29430379	4.10E-20	MC
Snrpd2	0.287908413	8.59E-19	MC
Atp6v1g13	0.255781635	3.38E-18	MC
Ppia3	0.253613876	2.03E-17	MC
Pea152	0.368711524	9.79E-17	MC
Ccnd32	0.312922008	2.54E-16	MC
Prdx13	0.269529879	1.88E-15	MC
Rras2	0.337190751	1.07E-13	MC
Rara2	0.417038288	3.94E-12	MC
Marcks112	0.274920202	6.61E-11	MC
S100a103	0.990220279	1.29E-10	MC
Prdx52	0.392578078	1.58E-10	MC
Dnajb1	0.318413058	3.55E-10	MC
Nudt42	0.291657868	4.31E-10	MC
Tuba1b2	0.348051551	3.44E-09	MC
H3f3b1	0.315368183	7.72E-09	MC
Igf12	0.250249733	2.22E-05	MC
Ier32	0.798925773	3.04E-05	MC
Apoe2	2.851562504	1	MC
Ccl5	6.967972578	0	NKTC
Gzmm	4.495908478	0	NKTC
Gzma	4.301336684	0	NKTC
Ccl41	4.164361104	0	NKTC
Nkg7	4.075533214	0	NKTC
Prfl	3.668701989	0	NKTC
Gzmk	3.483951347	0	NKTC
Hcst1	3.462590826	0	NKTC

Rac21	3.212382251	0	NKTC
Ptprecap	3.194464692	0	NKTC
Coro1a1	3.147577398	0	NKTC
Ctsw	3.129486438	0	NKTC
AABR07018078.1	3.097101359	0	NKTC
Klrb1b	3.075557059	0	NKTC
Laptn51	3.073684546	0	NKTC
Ptprec1	3.071618855	0	NKTC
Xcl1	3.048559651	0	NKTC
AABR07017902.1	3.046343049	0	NKTC
Cd2	2.891182831	0	NKTC
Il2rb	2.866027386	0	NKTC
Dusp2	2.808007816	0	NKTC
Gvin11	2.80507472	0	NKTC
Ccl31	2.801928072	0	NKTC
Cd8a	2.77398704	0	NKTC
Gmfg1	2.761751341	0	NKTC
AC109737.1	2.525923767	0	NKTC
Cd3g	2.471540616	0	NKTC
Cd3d	2.447515222	0	NKTC
Rgs11	2.430691013	0	NKTC
Cd3e	2.411617996	0	NKTC
MGC1056491	2.402807757	0	NKTC
AABR07027872.1	2.39182767	0	NKTC
Cd531	2.384579136	0	NKTC
Klrd1	2.349125893	0	NKTC
Fyb11	2.332529402	0	NKTC
Septin1	2.320325085	0	NKTC
Lcp11	2.303388353	0	NKTC
Cd69	2.273224005	0	NKTC
Gzmb12	2.217936768	0	NKTC
Limd21	2.19062853	0	NKTC
Il2rg	2.126901089	0	NKTC
Cxcr41	2.122220736	0	NKTC
Slfn41	2.113274331	0	NKTC
Lat	2.0704444	0	NKTC
Lck	2.032294221	0	NKTC
Gimap7	1.946263687	0	NKTC
Spn1	1.842259153	0	NKTC
Sh2d2a	1.815957264	0	NKTC
Cd247	1.801952262	0	NKTC
Arhgap91	1.783345093	0	NKTC
Stk17b1	1.756106155	0	NKTC

Cd371	1.749606988	0	NKTC
Cd96	1.746778081	0	NKTC
Dok2	1.723479329	0	NKTC
Skap1	1.708179657	0	NKTC
Serpinb6b	1.638747521	0	NKTC
Faslg	1.631693164	0	NKTC
Rps6ka11	1.630260113	0	NKTC
Bcl2a11	1.613513689	0	NKTC
Klrk1	1.575835894	0	NKTC
Itgb21	1.575010189	0	NKTC
Bcl11b	1.556461323	0	NKTC
Klri1	1.482817509	0	NKTC
Sla1	1.474776794	0	NKTC
Sash31	1.464346427	0	NKTC
Arhgap451	1.442004706	0	NKTC
Tbc1d10c	1.437160534	0	NKTC
Gata3	1.420728257	0	NKTC
Was1	1.420388102	0	NKTC
Grap	1.398671498	0	NKTC
Fmn111	1.394757985	0	NKTC
Lime1	1.389740581	0	NKTC
Ptpn22	1.381393362	0	NKTC
Apbb1ip1	1.381259618	0	NKTC
Cytip1	1.37609146	0	NKTC
LOC1003634691	1.359437603	0	NKTC
Bin21	1.344499527	0	NKTC
Zap70	1.31142706	0	NKTC
Cd27	1.295475297	0	NKTC
Lcp21	1.287962664	0	NKTC
Icos	1.285812075	0	NKTC
Ptk2b1	1.283405813	0	NKTC
Ccr51	1.258912781	0	NKTC
Pik3cd1	1.235189922	0	NKTC
Ptpn18	1.234057569	0	NKTC
AC142181.1	1.226721895	0	NKTC
Dock81	1.214906649	0	NKTC
Atp2a3	1.20823249	0	NKTC
Cd7	1.204900688	0	NKTC
B4galnt1	1.189581308	0	NKTC
Ikzf3	1.181649404	0	NKTC
Tbx21	1.160194789	0	NKTC
Cxcr3	1.151018406	0	NKTC
Hcls11	1.136005812	0	NKTC

Txk	1.125624462	0	NKTC
Acap1	1.121900899	0	NKTC
Chrne	1.098993552	0	NKTC
Cd226	1.094704206	0	NKTC
Calhm6	1.08560623	0	NKTC
P2ry10	1.066654574	0	NKTC
Cst7	1.059989856	0	NKTC
Gpr171	1.047783147	0	NKTC
Tnfrsf14	1.032606812	0	NKTC
Rassf51	1.031225756	0	NKTC
Ptpn7	1.014353749	0	NKTC
Il18rap	0.98454212	0	NKTC
Tagap	0.974975534	0	NKTC
Pstpip11	0.971920264	0	NKTC
Arpp21	0.965237319	0	NKTC
Rhof	0.963828229	0	NKTC
Gfra31	0.935176758	0	NKTC
S1pr4	0.925881107	0	NKTC
Mthfd2	0.90121618	0	NKTC
Sit1	0.893026055	0	NKTC
Ncr1	0.888087175	0	NKTC
Dapk2	0.885256251	0	NKTC
Tnfrsf18	0.881493172	0	NKTC
Rhoh	0.880954701	0	NKTC
Itk	0.868323979	0	NKTC
Klrb1c	0.854546165	0	NKTC
Stk26	0.845354776	0	NKTC
Il21r	0.842484565	0	NKTC
Ctse	0.823462093	0	NKTC
Myo1g1	0.803465652	0	NKTC
Dennd1c	0.741712223	0	NKTC
Runx3	0.724948439	0	NKTC
Trat1	0.716900408	0	NKTC
Sh2d1a	0.712787792	0	NKTC
Ccdc69	0.687432039	0	NKTC
Stap1	0.665359535	0	NKTC
Gpr174	0.659565087	0	NKTC
Traf3ip3	0.643234982	0	NKTC
Galnt6	0.627432055	0	NKTC
AABR07029272.1	0.627094183	0	NKTC
Cd6	0.611554377	0	NKTC
Glipr11	1.084696607	6.58E-303	NKTC
Gpsm31	1.442148406	4.27E-292	NKTC

Epstl1	1.151292557	6.75E-292	NKTC
Arhgap151	0.738155091	4.90E-277	NKTC
Lpxn	0.758986881	7.97E-277	NKTC
Mx11	1.111480722	2.80E-276	NKTC
Gimap41	1.764319169	1.67E-271	NKTC
Sema4a1	1.250029459	1.99E-270	NKTC
Tent5c	0.623444965	1.20E-268	NKTC
Ucp21	1.58464568	2.79E-265	NKTC
Sytl1	0.667056726	5.26E-265	NKTC
Smco4	1.646870817	1.05E-262	NKTC
LOC308990	0.668601467	1.10E-254	NKTC
Def6	0.705210005	2.57E-254	NKTC
Arhgef31	1.053235297	3.47E-251	NKTC
Ets12	2.244819901	2.19E-250	NKTC
Pycard1	1.848561013	4.39E-247	NKTC
Ezr1	1.796183707	4.51E-247	NKTC
Nt5c1	1.054068582	9.90E-242	NKTC
Rasal3	0.964930869	1.19E-234	NKTC
Cd244	0.73872487	8.25E-222	NKTC
Camk4	0.7472791	1.31E-220	NKTC
Arhgdib2	2.576527867	1.38E-219	NKTC
LOC685067	0.893525142	3.40E-213	NKTC
Cd442	1.164731496	6.64E-210	NKTC
Ptpn61	0.993059986	9.01E-195	NKTC
Myo1f1	0.961043893	4.96E-194	NKTC
Nup210	0.582868577	1.15E-191	NKTC
Arhgap30	0.591691879	2.27E-191	NKTC
Apobr	0.877784726	5.64E-191	NKTC
Nlrp1a	0.940914488	1.16E-188	NKTC
Fermt31	0.790041859	7.09E-184	NKTC
Ctla2a2	1.556158302	7.43E-183	NKTC
Ifi2712b1	2.663445944	6.64E-181	NKTC
Evl3	1.658770948	4.73E-180	NKTC
Fgl23	2.298288632	5.18E-179	NKTC
Man1a1	0.872761178	5.54E-175	NKTC
Plek1	1.328921832	8.23E-175	NKTC
Fxyd53	2.038165886	8.73E-175	NKTC
Gpr1831	0.907006984	9.49E-175	NKTC
Arpc1b3	2.03424163	1.07E-172	NKTC
Septin6	0.821976038	1.14E-172	NKTC
Rapgef6	0.920322171	3.08E-169	NKTC
Diaph11	1.263739515	9.16E-169	NKTC
Gbp5	0.726504527	5.43E-168	NKTC

Gng21	1.041199913	1.64E-167	NKTC
Arhgef12	1.331136451	7.85E-165	NKTC
Myc	0.889886274	8.45E-164	NKTC
Plaat31	1.96300249	7.94E-160	NKTC
Evi2b1	0.539505965	1.17E-159	NKTC
Abrac13	1.653815501	2.94E-159	NKTC
Rps183	2.230817908	1.27E-158	NKTC
Srgn2	1.232834121	2.24E-156	NKTC
Csk1	1.227323506	3.59E-156	NKTC
Pfn13	2.366880637	1.01E-155	NKTC
Znrf21	1.140276864	1.35E-155	NKTC
Itga41	0.830357745	2.05E-155	NKTC
Irak2	0.854084673	3.12E-155	NKTC
Acp5	0.718423805	4.55E-155	NKTC
Rps112	2.095641842	1.30E-153	NKTC
Rpl18a1	1.970775179	1.06E-152	NKTC
Slfn22	1.345188448	1.19E-152	NKTC
Dock111	0.881027743	3.24E-151	NKTC
Rps151	1.788141363	1.14E-150	NKTC
Rps273	1.982905147	1.61E-150	NKTC
Rpl132	2.055855347	2.13E-150	NKTC
Rpl113	1.819057847	8.23E-149	NKTC
Tnfaip81	1.133512569	2.61E-148	NKTC
Rpl27a3	1.793131786	2.72E-148	NKTC
Stk10	0.539397171	3.31E-147	NKTC
Heca2	1.339558815	5.78E-147	NKTC
Rpl152	1.799557474	7.95E-147	NKTC
Fam49b1	0.939533704	5.45E-146	NKTC
Fam107b3	0.900897919	1.29E-145	NKTC
Rps122	1.95897104	1.23E-144	NKTC
Nckap111	0.63870707	4.91E-144	NKTC
Rpl37a3	1.659821207	1.44E-143	NKTC
Cotl12	1.562741598	1.45E-143	NKTC
Rps31	1.750304299	2.39E-143	NKTC
LOC1009118472	1.665292457	2.90E-143	NKTC
Rps233	1.802363402	3.18E-143	NKTC
Rpl353	1.732721816	5.01E-141	NKTC
Fam102a	0.900460597	9.94E-141	NKTC
Rpl312	1.764992233	1.58E-140	NKTC
Rpl233	1.601075202	8.36E-140	NKTC
Rps3a3	1.737584384	2.05E-139	NKTC
Rplp02	1.780451934	2.29E-138	NKTC
Evi2a1	0.630423394	3.03E-138	NKTC

Rps163	1.706135272	4.48E-138	NKTC
Stk41	0.990123345	9.90E-138	NKTC
Rpl171	1.647244414	1.11E-137	NKTC
Rpsa3	1.701848335	1.56E-137	NKTC
Rpl363	1.636018367	1.69E-136	NKTC
Rps15a2	1.619974857	7.81E-136	NKTC
Rps172	1.743101927	1.61E-135	NKTC
Rps27a.12	1.573927936	2.45E-135	NKTC
Rps71	1.50197542	5.69E-135	NKTC
Rps103	1.723969846	7.01E-135	NKTC
Rplp12	1.676653117	9.41E-135	NKTC
Id21	1.489379201	1.15E-134	NKTC
Rpl412	1.43590591	2.25E-134	NKTC
Uba521	1.476950408	2.37E-134	NKTC
Crip14	2.098618325	2.61E-134	NKTC
Tmsb4x3	1.953817396	2.69E-134	NKTC
Socs1	1.000641413	4.55E-134	NKTC
Tpt13	1.710867177	8.61E-134	NKTC
Rps82	1.462181833	2.06E-133	NKTC
Rpl293	1.587733175	4.57E-133	NKTC
LOC1083526502	1.684018013	9.01E-133	NKTC
Jak3	0.440644767	1.36E-132	NKTC
Tpst2	0.954997782	1.50E-132	NKTC
Rpl143	1.559775154	1.88E-132	NKTC
Zyx1	1.130962332	2.48E-132	NKTC
Rpl63	1.677269512	6.00E-132	NKTC
Ostf12	1.280259893	6.76E-132	NKTC
Rpl241	1.561192363	1.21E-131	NKTC
Rpl192	1.349907773	3.30E-131	NKTC
AABR07021544.1	1.033919597	9.14E-131	NKTC
Eef1a13	1.797311433	2.07E-130	NKTC
Rab29	0.767085948	4.16E-130	NKTC
S100a42	2.657501035	5.06E-130	NKTC
Rps26	1.723501094	6.45E-130	NKTC
Efh1d21	1.703309168	3.15E-129	NKTC
Rpl342	1.474155973	4.96E-129	NKTC
Rpl51	1.688866039	6.38E-129	NKTC
Rpl323	1.787952952	9.41E-129	NKTC
Gimap51	0.805227374	2.91E-128	NKTC
Rps53	1.673867824	3.23E-128	NKTC
Rps283	1.742881708	4.39E-128	NKTC
Spata13	1.059450555	6.47E-128	NKTC
Rps133	1.751161587	1.91E-127	NKTC

Rpl36a3	1.930181029	6.92E-127	NKTC
Rpl123	1.786218911	1.73E-126	NKTC
Tmem1231	1.037352061	4.00E-126	NKTC
LOC6859632	1.753407825	9.33E-126	NKTC
LOC1003600573	1.615615695	2.27E-125	NKTC
LOC1003604491	1.358596941	1.40E-124	NKTC
RT1-CE52	1.190736078	2.02E-124	NKTC
Psmb94	1.432036758	2.19E-124	NKTC
Lsp11	0.783476606	4.17E-124	NKTC
Rack11	1.626715577	4.93E-124	NKTC
Cmtm71	1.148791962	1.01E-123	NKTC
Rpl183	1.52136639	2.59E-123	NKTC
AC141489.12	1.760131094	4.76E-123	NKTC
Rps202	1.5771801	8.14E-122	NKTC
Rpl282	1.482781178	1.54E-121	NKTC
Rpl72	1.480579612	1.90E-121	NKTC
Chn2	0.770346114	6.16E-121	NKTC
Mcm3	0.547392793	9.88E-121	NKTC
LOC1003618541	1.659996405	1.39E-120	NKTC
Rps4x.13	1.562155053	3.86E-120	NKTC
Rpl23a1	1.532123646	6.40E-119	NKTC
Btg13	1.863042056	1.60E-118	NKTC
Rps212	1.70221079	1.81E-118	NKTC
Rps241	1.46474539	2.06E-118	NKTC
Rpl372	1.59117772	1.88E-116	NKTC
Tes2	0.834673058	3.63E-116	NKTC
Isg20	0.693151932	3.87E-116	NKTC
Syk1	0.659577458	5.86E-116	NKTC
Msn3	1.352094129	9.97E-116	NKTC
Arpc22	1.502015302	2.18E-115	NKTC
Pabpc11	1.408274062	4.68E-115	NKTC
Cdc42se2	0.886654327	3.70E-113	NKTC
Rpl102	1.43274997	7.34E-113	NKTC
Rpl271	1.391603064	1.96E-112	NKTC
Adam19	0.907985612	2.79E-112	NKTC
LOC6877802	1.196599883	1.12E-111	NKTC
LOC1003644353	1.642241499	5.79E-111	NKTC
Twf21	0.992034812	5.32E-110	NKTC
Actb4	1.721004125	1.62E-109	NKTC
Snrpe1	1.4542445	5.44E-108	NKTC
Orai21	0.727539317	9.66E-108	NKTC
Rps93	1.419262904	8.88E-107	NKTC
Sipa12	0.807827882	1.72E-106	NKTC

Gimap61	0.643884792	3.10E-106	NKTC
Sh3bgrl33	1.494038135	2.58E-105	NKTC
Mob3a	0.802875025	3.17E-104	NKTC
Arrb21	0.610546174	3.89E-104	NKTC
Lrrfip12	0.914450339	7.30E-104	NKTC
Lpar61	1.032966843	7.40E-104	NKTC
Akna1	0.663849536	1.26E-103	NKTC
Rps19l22	1.597674448	1.78E-103	NKTC
Rpl21.31	1.19741809	2.63E-102	NKTC
Rpl10a1	1.43719789	2.79E-102	NKTC
B2m3	1.505707771	1.21E-101	NKTC
Psmbl102	1.187228811	4.23E-101	NKTC
Stat12	1.162197512	1.09E-100	NKTC
Rnpepl11	0.796243062	5.19E-100	NKTC
Arf62	1.093752013	3.06E-99	NKTC
Rpl261	1.260142643	4.01E-99	NKTC
RT1-CE102	1.370676849	2.86E-98	NKTC
Vasp2	0.901084716	6.31E-98	NKTC
Rpl42	1.412604731	6.85E-98	NKTC
Eef1b21	1.517599398	8.14E-98	NKTC
Nedd9	0.86123751	1.92E-97	NKTC
Dgka	0.508688759	5.01E-97	NKTC
Rpl301	1.397719783	1.03E-96	NKTC
Rpl38	1.26102209	2.19E-96	NKTC
Tmsb15b21	1.189063271	7.02E-96	NKTC
Ppp1r182	0.945809144	9.52E-96	NKTC
S100a104	1.461964844	2.11E-95	NKTC
Serpinb9	0.984634315	2.91E-94	NKTC
Ddx39a1	0.676848623	4.94E-93	NKTC
LOC1083496821	1.375437753	1.42E-92	NKTC
Myl12b2	1.343010731	4.40E-92	NKTC
Sh3kbp11	1.093621963	7.46E-91	NKTC
Actr31	1.115987144	1.21E-90	NKTC
Iqgap13	0.890952801	3.42E-90	NKTC
Chd3	0.855070826	2.39E-89	NKTC
LOC1083482872	1.340207119	9.75E-89	NKTC
ENSRNOG00000042229	0.489080573	1.00E-88	NKTC
Grk61	0.832930008	1.14E-88	NKTC
Rps10.11	1.389688072	1.27E-88	NKTC
Pik3r12	1.451390154	1.68E-88	NKTC
Ppp1ca2	1.156719978	2.01E-88	NKTC
Anxa63	1.154648191	2.29E-88	NKTC
LOC1003601171	1.323461426	2.46E-88	NKTC

Psmel4	1.241943495	5.53E-88	NKTC
Cend33	0.982513345	1.50E-87	NKTC
Wipfl2	0.822980937	4.26E-87	NKTC
LOC102555453.11	1.024829866	6.44E-87	NKTC
AABR07028769.11	0.805165113	1.08E-86	NKTC
Snx201	0.494003243	6.15E-86	NKTC
Fcer1g1	1.473184424	6.87E-86	NKTC
LOC1009113721	1.316749752	9.19E-86	NKTC
Inpp5d1	0.594193703	1.01E-85	NKTC
Rpl32.11	0.822812746	1.22E-85	NKTC
Ttc7a	0.444634865	2.02E-85	NKTC
Arpc53	1.16404874	4.17E-85	NKTC
Cap12	1.059872891	1.48E-84	NKTC
Fam189b	0.868388548	1.53E-84	NKTC
Lst11	0.38716161	1.83E-84	NKTC
Snrpf	1.144048388	1.97E-84	NKTC
LOC1003608413	1.587760679	1.75E-83	NKTC
Grk21	0.528819559	2.07E-83	NKTC
LOC1003620271	1.170903564	2.16E-83	NKTC
Capza11	0.867176556	8.29E-83	NKTC
LOC4985551	1.071502213	8.77E-82	NKTC
Tln14	1.064119864	1.65E-81	NKTC
Naca2	1.016081236	2.37E-81	NKTC
Zfp36121	1.618119575	3.40E-81	NKTC
Rcsd11	0.67558388	4.29E-81	NKTC
Bcap29	0.798095772	2.68E-80	NKTC
Tpm32	1.082867381	2.84E-80	NKTC
Arpc32	1.140137887	3.31E-80	NKTC
Shisa54	1.192828259	1.08E-79	NKTC
RT1-A22	1.085957404	4.57E-79	NKTC
Plekha21	0.775595188	8.62E-79	NKTC
Mast3	0.404196254	1.27E-78	NKTC
Akap133	1.021968678	1.23E-77	NKTC
Cib11	0.742672698	1.76E-77	NKTC
Tgfb12	0.941165219	3.88E-77	NKTC
H4f3	0.788329325	9.30E-77	NKTC
Rps27a1	1.19628308	2.35E-76	NKTC
Gimap91	0.856368972	3.37E-76	NKTC
Carhsp12	0.865745191	3.87E-76	NKTC
Psm23	0.975016846	9.64E-76	NKTC
LOC1036933752	1.281534649	1.18E-75	NKTC
Tyrobp1	2.560136266	1.48E-75	NKTC
Tnfaip8121	0.39079884	2.99E-75	NKTC

LOC1003599511	1.051784838	3.03E-75	NKTC
Map4k11	0.496197897	1.24E-74	NKTC
AABR07065438.11	0.992723854	2.41E-74	NKTC
Malt1	0.523982445	1.04E-73	NKTC
RT1-CE42	0.970341896	1.24E-73	NKTC
Npm12	1.156001992	9.75E-73	NKTC
LOC1003604131	1.013019673	2.90E-72	NKTC
Bcl2	0.795991409	3.73E-72	NKTC
Hmgb22	1.570543848	4.92E-72	NKTC
Rasgrp2	0.735384347	7.67E-72	NKTC
Rras21	0.521397672	1.84E-71	NKTC
LOC100362366	0.642818609	2.24E-71	NKTC
Cnp2	0.622763998	5.75E-71	NKTC
Serf23	0.972823396	7.60E-71	NKTC
Cblb	0.613018535	1.88E-70	NKTC
Sp1102	0.763118981	3.75E-70	NKTC
Fyn3	0.967428848	2.12E-69	NKTC
Plp2	0.641977566	3.61E-69	NKTC
Sub11	1.468247274	5.51E-69	NKTC
Bola23	1.061840546	3.10E-68	NKTC
Rhog1	0.715846781	5.06E-68	NKTC
Dusp5	0.700530752	6.17E-68	NKTC
Mknk22	0.737052249	2.56E-67	NKTC
Dgkz1	0.684465819	3.98E-67	NKTC
Osbp111	0.788055532	4.31E-67	NKTC
Snrpd21	1.019486613	5.06E-67	NKTC
Arpc511	0.933534571	2.04E-66	NKTC
Txnip4	1.586994801	2.52E-66	NKTC
Cdc42se12	0.712144834	4.97E-66	NKTC
AABR07021955.1	0.465257499	1.44E-65	NKTC
Fam49a1	0.690904314	1.77E-65	NKTC
Cfl14	1.028319491	1.89E-65	NKTC
Gramd1a	0.541583571	1.91E-65	NKTC
Eif3f1	0.982560947	2.06E-65	NKTC
Il17ra1	0.59881748	2.34E-65	NKTC
Clic14	1.086812327	3.07E-65	NKTC
Eef23	1.081070191	3.91E-65	NKTC
Prxl2b	1.198773289	1.22E-64	NKTC
RT1-A12	0.69786097	1.94E-64	NKTC
Eef1d3	0.920839709	2.86E-64	NKTC
Vsir1	0.57601535	5.57E-64	NKTC
LOC102555453	0.556630191	1.17E-63	NKTC
Leprotl11	0.712513918	1.35E-63	NKTC

LOC1083480981	0.607402058	2.21E-63	NKTC
Plac81	1.644917867	2.34E-63	NKTC
Baz1a1	0.494598434	2.68E-63	NKTC
Fli12	0.544416352	2.88E-63	NKTC
Acot71	0.592552349	4.45E-63	NKTC
Eif4e22	0.683711448	5.32E-63	NKTC
H1f41	1.332494934	7.61E-63	NKTC
Rab27a1	0.605496812	3.23E-62	NKTC
Cd484	0.935563434	8.87E-62	NKTC
Tagln23	1.092753814	1.36E-61	NKTC
Impdh22	0.872266996	2.70E-61	NKTC
Cish	0.572889032	4.09E-61	NKTC
Gimap81	0.486558714	4.25E-61	NKTC
Eef1g2	1.009711137	4.46E-61	NKTC
Ifitm12	1.461564275	1.22E-60	NKTC
H1f22	1.041010043	2.91E-60	NKTC
Arpc42	0.796884999	6.55E-60	NKTC
Plcl2	0.52764161	3.47E-59	NKTC
Nudt1	0.408278691	4.38E-59	NKTC
Rpp213	0.759200139	7.75E-59	NKTC
Atad2	0.596129138	1.46E-58	NKTC
Tapbp1	0.508468859	3.41E-58	NKTC
Man2a12	0.792302734	9.04E-58	NKTC
Cks2	0.807516169	2.67E-57	NKTC
Emp32	0.972444381	2.75E-57	NKTC
Prps2	0.534421188	3.20E-57	NKTC
RT1-T24-42	0.936472368	7.17E-57	NKTC
Apol31	0.522822357	1.08E-56	NKTC
RGD1563888	0.365258807	1.54E-56	NKTC
Mfng2	0.465312545	4.37E-56	NKTC
H2aj1	0.670125372	8.88E-56	NKTC
Ptpn14	0.665653742	9.48E-56	NKTC
Rps251	0.982400956	1.42E-55	NKTC
Zc3hav11	0.618892094	1.46E-55	NKTC
Tap12	0.673312897	1.52E-55	NKTC
Jpt12	0.820306579	7.40E-55	NKTC
Cd1642	0.942431143	9.47E-55	NKTC
Ssr42	1.341789368	4.15E-54	NKTC
Dnajc2	0.494173432	1.68E-53	NKTC
AC094217.1	0.621841023	3.36E-53	NKTC
Parp142	0.634292725	3.40E-53	NKTC
Rab8a1	0.696841845	1.53E-52	NKTC
Capzb2	0.793650528	2.97E-52	NKTC

Tmem1343	0.701104065	3.79E-52	NKTC
Flna4	0.720913692	7.74E-52	NKTC
Fam89b1	0.777616841	1.35E-51	NKTC
Spcs2	0.879552863	1.41E-51	NKTC
Jak11	0.74004826	1.45E-51	NKTC
Asl	0.49055917	9.72E-51	NKTC
Slfn52	0.958061491	1.21E-50	NKTC
Ptbp31	0.476072095	3.02E-50	NKTC
Hopx2	0.877478041	6.53E-50	NKTC
Anxa24	0.913916869	6.53E-50	NKTC
LOC6876791	0.678656495	1.58E-48	NKTC
Srgap3	0.739970688	1.76E-48	NKTC
Pdcd41	0.932483661	2.34E-48	NKTC
Bak1	0.413843416	2.36E-48	NKTC
Mob1a2	0.689416733	6.52E-48	NKTC
Trim5	0.470557178	1.95E-47	NKTC
Ntan11	0.709039923	2.52E-46	NKTC
Flt3lg	0.457887152	5.97E-46	NKTC
Grb21	0.638053189	6.23E-46	NKTC
Tspo2	0.508886227	6.69E-46	NKTC
Nop531	0.78013983	7.59E-46	NKTC
Taf101	0.610099723	1.02E-45	NKTC
Ppp6r12	0.525749802	3.28E-45	NKTC
Nudt211	0.456641344	4.48E-45	NKTC
Glrx1	0.509116825	8.28E-45	NKTC
Elf11	0.52250221	1.88E-44	NKTC
Ywhah2	0.603096941	2.72E-44	NKTC
Arhgef18	0.438211294	4.16E-44	NKTC
Map3k81	0.714734578	7.08E-44	NKTC
Tsc22d34	0.818061847	7.40E-44	NKTC
Mvp1	0.656017342	1.28E-43	NKTC
RT1-M3-11	0.589238523	1.64E-43	NKTC
Lrch41	0.370343616	1.86E-43	NKTC
AABR07031089.1	0.443964969	2.54E-43	NKTC
Rbm33	0.830717518	8.59E-43	NKTC
Dnajc1	0.528192313	9.75E-43	NKTC
Setx	0.565870011	3.24E-42	NKTC
Tprg113	0.615993139	4.49E-42	NKTC
Sirt7	0.384140248	1.56E-41	NKTC
Wdr13	0.589916337	2.53E-41	NKTC
LOC100912564.1	0.821026337	2.17E-40	NKTC
Prdm11	0.445751248	2.18E-40	NKTC
Pnrc12	0.793456491	2.82E-40	NKTC

Rab35	0.527072671	3.04E-40	NKTC
Spty2d1	0.564042253	3.76E-40	NKTC
Arhgdia4	0.59817162	4.33E-40	NKTC
Prelid11	0.596313171	9.09E-40	NKTC
Il10rb	0.435179994	1.02E-39	NKTC
Actr22	0.6808362	1.40E-39	NKTC
Rgs22	0.672285945	1.87E-39	NKTC
Snrpb2	0.644054647	2.66E-39	NKTC
Ppp1r14b3	0.714409449	3.52E-38	NKTC
Tmem179b1	0.535299065	3.67E-38	NKTC
Znrd1	0.540886713	3.84E-38	NKTC
Rab8b1	0.577208972	6.79E-38	NKTC
Magohb	0.556643473	7.32E-38	NKTC
Cklf1	0.432853805	1.11E-37	NKTC
Smc4	0.648746893	1.44E-37	NKTC
Pdhal1	0.614073958	4.20E-37	NKTC
Arl5a	0.750099477	8.37E-37	NKTC
Ankrd13a2	0.484288993	8.79E-37	NKTC
LOC1083480622	0.679800119	9.00E-37	NKTC
Rilpl21	0.741001723	9.26E-37	NKTC
LOC1083496061	0.566691282	1.03E-36	NKTC
Med102	0.557838555	1.06E-36	NKTC
Pgls3	0.565990029	2.97E-36	NKTC
Mbd22	0.572109587	3.23E-36	NKTC
Eif3i1	0.626709525	3.58E-36	NKTC
Otulin1	0.314545869	4.23E-36	NKTC
Eif3el1	0.457108515	1.00E-35	NKTC
Polr3h	0.272872166	1.18E-35	NKTC
Tab21	0.542745584	1.41E-35	NKTC
Tmbim61	0.569139939	1.56E-35	NKTC
Hsp90ab13	0.725783287	1.60E-35	NKTC
Rap1a2	0.528062849	1.62E-35	NKTC
Nsa21	0.623170121	1.76E-35	NKTC
Ccm21	0.36045601	2.08E-35	NKTC
Unc119b	0.360556774	9.52E-35	NKTC
Mgmt	0.496880919	1.39E-34	NKTC
Bin12	0.332429164	1.57E-34	NKTC
Ifi44	0.540788472	3.32E-34	NKTC
Rap2c	0.448875411	5.72E-34	NKTC
Csnk1g2	0.494046414	9.52E-34	NKTC
Cmc1	0.428525292	1.04E-33	NKTC
Atp5fle3	0.64110301	1.12E-33	NKTC
Lasp13	0.532920844	1.41E-33	NKTC

Anp32b2	0.746288202	1.86E-33	NKTC
Smap22	0.457051569	3.15E-33	NKTC
Srsf51	0.486262135	3.40E-33	NKTC
Bcl7c1	0.55907404	6.29E-33	NKTC
Litaf1	0.515997262	9.92E-33	NKTC
Ppp1r12a1	0.453860983	1.18E-32	NKTC
Il4r	0.449891365	1.90E-32	NKTC
Mbnl1	0.350270165	2.14E-32	NKTC
Sbfl	0.287261709	2.24E-32	NKTC
Dbnl1	0.350839891	2.35E-32	NKTC
Ciao2a2	0.33693887	3.86E-32	NKTC
Coro1b2	0.487581544	3.89E-32	NKTC
Prkx	0.339286705	4.99E-32	NKTC
Cbfb	0.504700881	5.31E-32	NKTC
Polr1d3	0.490099175	6.98E-32	NKTC
LOC1009107322	0.468952908	8.22E-32	NKTC
Pcmt11	0.517813438	1.01E-31	NKTC
Ldb1	0.533432292	1.42E-31	NKTC
Ddx21	0.37927463	1.49E-31	NKTC
Slc25a39	0.364188526	1.83E-31	NKTC
Klfl34	0.56724567	1.87E-31	NKTC
Cdc422	0.651891921	2.01E-31	NKTC
Mrps151	0.519776032	3.46E-31	NKTC
Casp11	0.496731509	4.09E-31	NKTC
Nubp12	0.452816328	7.28E-31	NKTC
Nsd32	0.372771861	7.73E-31	NKTC
Ppp2r5a2	0.438793169	9.72E-31	NKTC
Gnpda2	0.393593378	9.90E-31	NKTC
Rpl22l11	0.696003779	1.11E-30	NKTC
Vim4	0.553407763	1.20E-30	NKTC
Slc44a22	0.501213598	1.27E-30	NKTC
Nudt43	0.537543208	1.77E-30	NKTC
Cyba3	0.410004017	1.95E-30	NKTC
Nubp2	0.370004976	2.97E-30	NKTC
Nfkb13	0.571396302	4.06E-30	NKTC
Macroh2a13	0.398287115	5.06E-30	NKTC
Rasa32	0.364932738	7.13E-30	NKTC
Hltf	0.399331058	1.00E-29	NKTC
Crem1	0.698370545	1.03E-29	NKTC
Jak21	0.448717375	1.40E-29	NKTC
Lgals91	0.338560062	1.54E-29	NKTC
Cox7a2l1	0.587456889	2.07E-29	NKTC
Isy1	0.368416433	2.13E-29	NKTC

Txn14a1	0.405737861	3.09E-29	NKTC
Septin112	0.554008746	3.68E-29	NKTC
Tmbim41	0.433683214	3.78E-29	NKTC
Glt2	0.443914622	4.29E-29	NKTC
LOC1003608282	0.398037514	7.06E-29	NKTC
Cdc34	0.353577376	7.19E-29	NKTC
Psm4	0.522379475	8.03E-29	NKTC
Gda1	0.386106729	1.13E-28	NKTC
Gnai23	0.430142428	1.31E-28	NKTC
Cd92	0.264472371	2.71E-28	NKTC
Eif4ebp2	0.291559683	2.80E-28	NKTC
Itm2a2	0.575263684	2.86E-28	NKTC
Clec2g3	0.335657913	7.61E-28	NKTC
Phkg2	0.319482746	7.72E-28	NKTC
Fbl	0.344944683	8.26E-28	NKTC
Ppil2	0.346579785	1.01E-27	NKTC
Commd7	0.284551653	1.27E-27	NKTC
Mien12	0.318330982	1.30E-27	NKTC
Prr131	0.303219372	1.91E-27	NKTC
Abhd17a1	0.405114849	2.09E-27	NKTC
Cend2	0.456844016	3.02E-27	NKTC
Ankrd111	0.444392598	3.74E-27	NKTC
Cr113	0.389768755	7.02E-27	NKTC
Csrnp1	0.41797234	7.45E-27	NKTC
Slc1a5	0.459889774	1.05E-26	NKTC
Resf12	0.439314688	3.16E-26	NKTC
Tmem1601	0.406798271	4.70E-26	NKTC
Vrk3	0.310839257	5.33E-26	NKTC
Ppia4	0.58084949	5.57E-26	NKTC
Myd881	0.434513311	9.73E-26	NKTC
Stk38	0.41647979	1.11E-25	NKTC
Rbck1	0.368990511	1.33E-25	NKTC
Usp24	0.297018512	2.13E-25	NKTC
Ppp1r9b2	0.401483703	3.88E-25	NKTC
Ier54	0.539503107	4.05E-25	NKTC
Anxa114	0.444965809	4.20E-25	NKTC
Lars11	0.40467856	4.99E-25	NKTC
Trmt1121	0.476168022	5.88E-25	NKTC
Arl6ip52	0.479688616	7.55E-25	NKTC
Mapkapk21	0.345600391	7.66E-25	NKTC
Ugcg1	0.29892853	8.04E-25	NKTC
Mrpl321	0.457603998	8.52E-25	NKTC
Myl64	0.55122822	1.19E-24	NKTC

Eif3g2	0.418917772	1.22E-24	NKTC
Mrps232	0.382265794	1.22E-24	NKTC
Snrnp25	0.315188046	1.47E-24	NKTC
Lsm5	0.413857044	1.52E-24	NKTC
Eif3m1	0.457154536	2.50E-24	NKTC
Card6	0.465492119	2.72E-24	NKTC
Ubac2	0.343174658	3.38E-24	NKTC
Ifngr12	0.368337763	4.50E-24	NKTC
Sri3	0.432620596	5.36E-24	NKTC
Taf12	0.264764979	5.45E-24	NKTC
Psme3	0.290575516	8.37E-24	NKTC
Brk13	0.438924342	9.78E-24	NKTC
Myo9b1	0.304232003	1.05E-23	NKTC
Med11	0.280426475	1.17E-23	NKTC
Ube2d31	0.41587168	1.53E-23	NKTC
Snx51	0.330909167	1.67E-23	NKTC
S1pr11	0.698624821	1.82E-23	NKTC
Nme24	0.503870731	1.90E-23	NKTC
Usp252	0.435015525	2.79E-23	NKTC
Cmpk1	0.323554891	3.43E-23	NKTC
Tmem1921	0.265725693	3.48E-23	NKTC
S100a62	0.905011885	5.27E-23	NKTC
Psmb33	0.476804391	5.81E-23	NKTC
Eif4b1	0.33295558	5.82E-23	NKTC
Cd474	0.430194183	8.64E-23	NKTC
Tmem14c3	0.439570698	8.64E-23	NKTC
Crlf21	0.323475191	9.30E-23	NKTC
Rock11	0.403461192	1.09E-22	NKTC
LOC1083495484	0.364829981	1.98E-22	NKTC
Gdi23	0.411637295	2.14E-22	NKTC
Arl5b	0.470184638	2.27E-22	NKTC
Mea12	0.300670151	4.50E-22	NKTC
Eif2s31	0.253576192	4.73E-22	NKTC
Hnrnpab1	0.391952939	5.38E-22	NKTC
Eif3k1	0.364696189	5.72E-22	NKTC
Ak2	0.300089442	5.74E-22	NKTC
Slbp	0.457830594	1.27E-21	NKTC
Elk32	0.251643698	1.66E-21	NKTC
Gtf3a1	0.318921594	2.25E-21	NKTC
Dera1	0.277570494	2.57E-21	NKTC
Rpl13a1	0.445086384	3.18E-21	NKTC
Smim151	0.262543466	1.72E-20	NKTC
Ap1m1	0.273077857	1.73E-20	NKTC

Clint11	0.39408435	2.93E-20	NKTC
Git22	0.27684214	3.10E-20	NKTC
RT1-S34	0.433121075	3.49E-20	NKTC
Sh2d3c1	0.284751509	3.65E-20	NKTC
Irf21	0.278877519	4.67E-20	NKTC
Hnrnpa13	0.423470465	4.74E-20	NKTC
Ssbp41	0.317236845	5.57E-20	NKTC
Ppp4c	0.293121766	6.13E-20	NKTC
Ubxn12	0.321565212	7.00E-20	NKTC
Eif5a3	0.514794661	7.48E-20	NKTC
Xrn21	0.309493443	1.41E-19	NKTC
Psmf1	0.351810481	3.09E-19	NKTC
Mapre12	0.335844526	4.72E-19	NKTC
Ptp4a22	0.350497642	5.53E-19	NKTC
Stim1	0.351683006	6.39E-19	NKTC
Elk4	0.303060264	7.25E-19	NKTC
Utrn2	0.295445824	8.20E-19	NKTC
Lsm42	0.271194667	9.62E-19	NKTC
Csnk2b	0.397704161	1.08E-18	NKTC
Clptm112	0.259868932	1.10E-18	NKTC
Chsy1	0.274458007	1.49E-18	NKTC
Tp532	0.373543501	1.76E-18	NKTC
Rida	0.283333412	2.08E-18	NKTC
Necap21	0.314854933	2.13E-18	NKTC
MGC108823	0.337331593	2.82E-18	NKTC
Chchd3	0.304464839	2.87E-18	NKTC
Saraf1	0.424330495	3.14E-18	NKTC
Mrpl522	0.404123423	3.52E-18	NKTC
Dnmt1	0.340145663	3.57E-18	NKTC
Becn1	0.333042134	3.82E-18	NKTC
Zfp593	0.320348313	4.22E-18	NKTC
Cmip3	0.265056583	4.32E-18	NKTC
F2r1	0.429644648	5.35E-18	NKTC
Bag11	0.314104546	1.06E-17	NKTC
Hsd17b103	0.317918896	1.08E-17	NKTC
RGD1562218	0.30111641	1.44E-17	NKTC
Spcs3	0.350740059	1.64E-17	NKTC
Ywhaz2	0.376629663	1.99E-17	NKTC
Arf52	0.368354495	2.09E-17	NKTC
Ppial4d3	0.328569132	2.45E-17	NKTC
Cript1	0.275076113	2.66E-17	NKTC
Uqcrh3	0.361582826	3.71E-17	NKTC
Mycbp21	0.334834592	4.02E-17	NKTC

AABR07021871.1	0.386638486	5.09E-17	NKTC
Tomm71	0.369574745	5.62E-17	NKTC
Wnk12	0.31520271	5.67E-17	NKTC
Cast4	0.313702336	6.58E-17	NKTC
Tcerg12	0.288723912	8.99E-17	NKTC
Cct52	0.288586547	1.13E-16	NKTC
Ehmt2	0.28194611	1.27E-16	NKTC
Oasl21	0.501726438	1.51E-16	NKTC
Eif3a	0.277532623	1.52E-16	NKTC
Cnppd11	0.31808545	1.81E-16	NKTC
Ss18	0.254555807	1.85E-16	NKTC
Cdv3	0.284755102	1.92E-16	NKTC
Ptbp11	0.35445829	2.33E-16	NKTC
Srebf23	0.252449154	2.41E-16	NKTC
Oaz13	0.253721331	2.71E-16	NKTC
Emd	0.374386263	2.90E-16	NKTC
Nasp	0.301926454	3.13E-16	NKTC
Cmtm62	0.267895344	3.46E-16	NKTC
Sft2d13	0.250674944	4.03E-16	NKTC
LOC102553386	0.276955583	4.30E-16	NKTC
Bax2	0.3229477	4.87E-16	NKTC
Uggt1	0.250738131	4.93E-16	NKTC
Rgs101	0.336970862	6.19E-16	NKTC
Ddt2	0.283396342	6.32E-16	NKTC
Churc1	0.310978422	7.22E-16	NKTC
B3gnt22	0.346203511	8.11E-16	NKTC
Rgs32	0.258226385	8.64E-16	NKTC
Hnrnpa32	0.416828798	9.08E-16	NKTC
Sik12	0.312274614	1.70E-15	NKTC
LOC1083481442	0.357246439	1.80E-15	NKTC
Pdcd103	0.260210008	3.04E-15	NKTC
Mrps211	0.315593838	6.81E-15	NKTC
Sin3b1	0.269579982	7.81E-15	NKTC
Isg151	0.397564641	8.06E-15	NKTC
Ptpa	0.277778819	8.16E-15	NKTC
Tsta3	0.285384622	8.60E-15	NKTC
Eif3c	0.360438289	1.09E-14	NKTC
Orai13	0.26709014	3.28E-14	NKTC
Atp5mc22	0.337014746	3.55E-14	NKTC
Pold42	0.304824624	4.69E-14	NKTC
Ppm1g	0.289513855	6.09E-14	NKTC
Hdac11	0.253628638	1.46E-13	NKTC
RGD13091041	0.358091277	1.47E-13	NKTC

Trir1	0.270086029	1.52E-13	NKTC
Tnip11	0.320683435	2.67E-13	NKTC
Adss1	0.290580689	2.93E-13	NKTC
Serp12	0.377783299	3.50E-13	NKTC
Ogfr	0.27577093	4.11E-13	NKTC
Brd4	0.282649019	4.99E-13	NKTC
mrpl24	0.292281733	5.74E-13	NKTC
Edf13	0.294139007	7.62E-13	NKTC
Actg13	0.293882921	1.05E-12	NKTC
Sec61b2	0.314389406	2.79E-12	NKTC
LOC1003614574	0.530956306	2.15E-11	NKTC
Mt-nd34	0.366096129	4.67E-11	NKTC
Atp2b42	0.318785015	4.84E-11	NKTC
Serbp13	0.272601242	6.80E-11	NKTC
Chd42	0.296716047	6.88E-11	NKTC
Rftn11	0.273278933	7.30E-11	NKTC
Snx181	0.474647906	7.44E-11	NKTC
Selenoh3	0.306223633	7.47E-11	NKTC
Lgals12	0.434494208	1.24E-10	NKTC
Etfb2	0.291876826	2.03E-10	NKTC
Reep53	0.258686723	2.41E-10	NKTC
Bhlhe402	0.270540903	9.64E-10	NKTC
Tram12	0.307782561	1.15E-09	NKTC
Itgb14	0.404241576	3.42E-09	NKTC
Basp12	0.301930894	2.62E-08	NKTC
Cox4i12	0.265534083	8.85E-08	NKTC
RGD13093621	0.285929919	1.70E-07	NKTC
Cd823	0.29723708	1.76E-07	NKTC
Dnajc31	0.261837919	1.79E-07	NKTC
LOC1003595833	0.442746364	1.29E-06	NKTC
Eif4g11	0.271463058	6.06E-06	NKTC
Odc11	0.366949467	0.000230422	NKTC
Crym1	5.174560948	0	MAG
Dkk3	4.481277585	0	MAG
Gsta11	4.359329236	0	MAG
Rlbp1	4.187152867	0	MAG
Slc1a3	4.085609115	0	MAG
Car2	3.976443266	0	MAG
Penk	3.93671138	0	MAG
Glul1	3.912437706	0	MAG
Kdr1	3.64327444	0	MAG
Aqp4	3.574526944	0	MAG
Il33	3.572196806	0	MAG

Ttyh12	3.278660368	0	MAG
Gpm6a1	3.248173544	0	MAG
Frzb	3.071351678	0	MAG
Sox21	3.058379788	0	MAG
Gpr37	3.019681276	0	MAG
Rrh	2.965503032	0	MAG
Espn	2.929128278	0	MAG
Slmap	2.786244973	0	MAG
Dapl1	2.674338101	0	MAG
Cryab1	2.665994207	0	MAG
Mlc1	2.518999052	0	MAG
Chi3l1	2.495980064	0	MAG
Lhx2	2.489006553	0	MAG
Slc6a1	2.448057301	0	MAG
A2m	2.425003154	0	MAG
Slitrk2	2.408360656	0	MAG
Efemp1	2.326945931	0	MAG
Tnfaip6	2.309517608	0	MAG
Sox9	2.286252094	0	MAG
Spon1	2.231021676	0	MAG
Celsr2	2.215355271	0	MAG
Ctxn3	2.206647893	0	MAG
Pcsk1	2.196898279	0	MAG
Col9a1	2.162276656	0	MAG
Sfxn5	2.132140183	0	MAG
Nkd1	2.126980747	0	MAG
Minar2	2.109598963	0	MAG
Cav21	2.103381868	0	MAG
Nrcam2	2.096672681	0	MAG
Cmtm51	2.078148257	0	MAG
Nlgn1	2.067552081	0	MAG
Agt	2.064699853	0	MAG
Slc7a11	2.035038453	0	MAG
Pax6	2.032860701	0	MAG
Ca14	2.029098528	0	MAG
Six61	2.015746787	0	MAG
Vamp1	1.990362819	0	MAG
Trhde1	1.970321244	0	MAG
Mt32	1.926140289	0	MAG
Srgap31	1.919376041	0	MAG
Coll1a2	1.884898835	0	MAG
Vat11	1.789036076	0	MAG
Hhatl	1.721347696	0	MAG

Trpm3	1.70378841	0	MAG
Gpld1	1.699825056	0	MAG
Omg	1.685457328	0	MAG
Lgi41	1.661347419	0	MAG
Psat1	1.65641818	0	MAG
Rab3b	1.608890051	0	MAG
Cxcl14	1.592285934	0	MAG
Gpm6b1	1.579090925	0	MAG
Lsamp	1.578350672	0	MAG
Megf101	1.569436624	0	MAG
Mmd2	1.482544651	0	MAG
Tox3	1.458042817	0	MAG
Chrdl1	1.41740481	0	MAG
Fxyd3	1.373869723	0	MAG
Ass1	1.305452351	0	MAG
Luzp2	1.264836005	0	MAG
Ca6	1.215096996	0	MAG
Mapk4	1.202287358	0	MAG
Trhr	1.178947192	0	MAG
Cldn9	1.174493198	0	MAG
Gdpd2	1.169881182	0	MAG
Cit	1.144908016	0	MAG
Tafa5	1.124068	0	MAG
Kcna2	1.113425111	0	MAG
Ddr11	2.041382966	1.20E-300	MAG
Postn	2.0295531	3.72E-300	MAG
Pak31	2.142814586	7.99E-299	MAG
Ptprd1	2.2532231	4.30E-295	MAG
Cdh23	2.263721072	1.49E-289	MAG
Ctnnd2	1.032530559	2.06E-275	MAG
Abca8a1	2.386908749	3.21E-274	MAG
Samd12	1.204235152	6.92E-271	MAG
Fgf91	1.583907653	2.23E-263	MAG
Phgdh1	0.994860896	3.52E-262	MAG
Metrn1	1.263913516	8.01E-262	MAG
Acsl32	2.917582359	2.01E-253	MAG
Tgfb22	2.697743072	3.00E-252	MAG
Fez12	1.870575087	1.91E-247	MAG
Crb1	1.088290313	3.83E-234	MAG
Hopx3	2.160761665	1.48E-230	MAG
Gria21	2.173277791	5.07E-226	MAG
Dbi1	3.243483096	1.24E-225	MAG
Dpy19l3	1.211918874	2.43E-221	MAG

Clu1	3.343154317	1.72E-219	MAG
Cav11	1.941873559	3.54E-218	MAG
RGD1565033	1.242514525	1.89E-207	MAG
Rorb1	1.79834933	4.16E-201	MAG
Sec11c1	2.738121377	7.30E-197	MAG
Htra12	2.440135146	1.63E-196	MAG
Vipr2	1.308150745	4.45E-195	MAG
Zfp423	1.33456473	5.04E-193	MAG
Ptgr1	1.500197736	7.43E-192	MAG
Mgarpl	1.860960463	3.05E-191	MAG
Apoe3	2.147644744	1.22E-181	MAG
Rtn42	2.744251669	4.63E-179	MAG
Rassf41	1.077589172	7.09E-174	MAG
Sema5a1	1.626354204	3.31E-173	MAG
Tril2	1.693645639	6.83E-168	MAG
Sorcs2	0.840538702	8.38E-167	MAG
Cd93	2.273603569	9.58E-167	MAG
Hacd2	1.542554864	3.51E-164	MAG
S100b2	1.097028064	2.92E-163	MAG
Aldoc3	1.885040807	4.41E-163	MAG
Ndrp22	1.797274664	1.20E-162	MAG
Pdpr1	1.448728711	1.69E-161	MAG
Cdk5rap2	1.261111715	2.75E-156	MAG
Ncam12	1.827495999	7.67E-156	MAG
Slc27a11	1.208024593	5.69E-155	MAG
Sapcd11	1.078508735	8.74E-155	MAG
Scd22	2.387505429	1.06E-151	MAG
Eno13	1.916902509	2.06E-150	MAG
Taf13	1.416020099	3.48E-144	MAG
Lipa1	1.823793791	5.36E-143	MAG
Fxyd12	1.679468168	4.41E-141	MAG
Olfm12	1.371618506	7.25E-140	MAG
Ddhd2	1.252718471	3.01E-139	MAG
Qsox1	1.453737163	2.64E-138	MAG
Tpbp	1.122221848	6.05E-137	MAG
Rbp11	1.855411086	8.60E-135	MAG
Cox4i22	1.517526892	1.02E-134	MAG
Scg33	1.230428992	7.81E-134	MAG
Crip22	1.6419279	8.04E-133	MAG
Ciart	1.105194734	1.50E-132	MAG
Cd443	1.05391002	4.45E-132	MAG
F31	1.39413344	6.45E-132	MAG
Ftl11	0.85497872	4.07E-130	MAG

Ckb2	1.620268328	4.27E-130	MAG
Dner1	1.07669972	1.52E-129	MAG
Id42	1.644846228	6.80E-129	MAG
Scara3	0.979529478	1.23E-127	MAG
Cpne5	0.975884756	2.69E-127	MAG
Mgst11	1.156142402	6.99E-126	MAG
Igf21	1.268671601	1.26E-125	MAG
Psph	0.97049139	6.10E-121	MAG
Septin82	1.493984625	4.25E-119	MAG
S100a163	1.857520746	1.89E-116	MAG
Cadm11	1.161108731	3.47E-115	MAG
Zfp6082	1.213186552	7.07E-113	MAG
Snx10	0.803394941	1.25E-112	MAG
Csrp21	0.952410709	2.19E-111	MAG
Sat13	1.633168177	2.81E-111	MAG
Slc12a21	1.50523693	4.11E-111	MAG
Igsf112	0.934462591	9.59E-108	MAG
Atp1a22	1.655560591	4.03E-105	MAG
Wipi12	1.356066479	2.52E-103	MAG
RGD13065561	1.039936386	5.98E-102	MAG
Hmgn32	1.486664352	2.54E-101	MAG
Syt111	0.982942443	1.64E-99	MAG
Gsta41	1.294295716	1.19E-96	MAG
Cdkn1b	1.630956414	3.54E-96	MAG
Dclk12	1.411768941	6.00E-95	MAG
Ptch11	1.500390969	4.19E-93	MAG
Cntfr1	0.864255324	5.87E-93	MAG
Plaat32	1.39408329	2.63E-92	MAG
Adgrv1	0.827065328	6.69E-92	MAG
Rdh10	0.715293291	1.55E-91	MAG
Aldh5a1	0.917556689	6.57E-84	MAG
Prxl2a1	1.068924531	6.58E-84	MAG
Pon23	1.428319288	1.29E-83	MAG
Slc20a1	1.17172755	1.75E-82	MAG
Id22	1.430359916	2.15E-81	MAG
Gstm11	1.339003665	1.35E-80	MAG
Six31	0.895275254	2.90E-80	MAG
Ttyh3	1.057358411	3.87E-80	MAG
Prex22	1.04288996	7.47E-80	MAG
Ptprf	0.981100208	2.95E-76	MAG
Plpp33	1.2004761	9.76E-75	MAG
Vegfa1	1.389776395	3.46E-74	MAG
Myo6	1.176591956	2.54E-73	MAG

Ctnnbip1	1.161943576	1.08E-71	MAG
Phlpp1	1.036046072	1.77E-71	MAG
Hsd17b121	1.154201365	5.28E-70	MAG
Mfge82	1.461036934	2.04E-69	MAG
Rap1gap1	1.053116297	4.44E-69	MAG
Lrrc42	1.049742653	5.63E-69	MAG
Sulf11	0.954869204	7.71E-69	MAG
Atp1b32	1.237915892	3.01E-68	MAG
Dipk2a	0.951120266	4.17E-68	MAG
Rida1	0.991807373	1.03E-65	MAG
Notch22	1.036954047	1.85E-65	MAG
Rnf131	1.203571343	6.49E-65	MAG
Notch12	1.120458745	2.65E-64	MAG
Srebf1	0.883358198	7.56E-64	MAG
Mgl12	0.846040623	1.28E-62	MAG
AC134224.33	1.396908251	2.33E-60	MAG
Mab2111	0.64963655	3.07E-59	MAG
Xrcc51	1.12501274	4.47E-59	MAG
Pmp222	1.100402208	4.85E-58	MAG
Lpar62	0.915723462	5.15E-58	MAG
Ugp21	1.075177873	8.25E-57	MAG
Slc38a31	0.852417879	9.25E-57	MAG
Zfp219	0.753501119	1.55E-56	MAG
Tcf7121	0.851150731	1.97E-55	MAG
Clcn32	0.706494771	6.33E-55	MAG
Arhgap21	1.005379565	1.02E-54	MAG
Ptn1	0.788877432	2.30E-54	MAG
Baspl3	1.115438679	3.85E-54	MAG
Neol	0.854157633	4.66E-54	MAG
Vim5	0.847591055	2.70E-53	MAG
Slc25a42	0.936593232	8.15E-53	MAG
Acyp22	1.035782697	1.56E-52	MAG
Plekhhb13	0.745756696	1.78E-52	MAG
Thsd7a2	0.786557802	1.45E-50	MAG
Dst3	1.237411683	1.68E-48	MAG
Fam13b	1.071912926	1.82E-48	MAG
Slc3a21	1.169236052	2.21E-48	MAG
Slc22a172	0.828519577	7.84E-46	MAG
Pir1	0.928427688	3.61E-44	MAG
Slc16a1	0.429793021	1.79E-43	MAG
Nudt44	1.222954735	2.14E-43	MAG
Cnn33	1.085060534	9.80E-43	MAG
Mgst33	1.466727148	2.10E-42	MAG

Marcks4	0.855473758	1.77E-41	MAG
Asph	0.82530099	2.65E-41	MAG
Leng8	0.965054077	5.60E-41	MAG
Hspb111	0.807190375	1.72E-40	MAG
Pgm12	0.783081921	2.11E-40	MAG
Aig11	0.682042634	2.63E-40	MAG
Pecr1	0.789888534	3.01E-39	MAG
Msi12	0.517516973	3.04E-39	MAG
Tuba1a3	0.948853672	4.27E-39	MAG
Gstm71	0.890652118	4.88E-39	MAG
Cp2	1.570982381	9.26E-39	MAG
Mt13	1.005024214	8.73E-38	MAG
Atp1a11	0.602341704	1.44E-37	MAG
B4galt61	0.762265335	2.37E-37	MAG
Cdc14a	0.715272051	3.47E-36	MAG
Aldh7a12	0.862004928	3.94E-36	MAG
S1pr31	0.605809497	1.01E-35	MAG
Ndfip12	0.847876558	4.01E-35	MAG
Sorbs21	0.567320757	4.02E-34	MAG
Lap32	0.892470983	6.51E-34	MAG
Cst32	0.328727194	6.93E-34	MAG
Pebp12	0.806891293	2.13E-33	MAG
Mxra72	0.66104173	6.33E-33	MAG
Dmd2	0.363790581	1.16E-32	MAG
Prss232	0.424701172	2.08E-32	MAG
Atox13	1.240173917	9.55E-32	MAG
Sirpa1	0.507316382	1.30E-31	MAG
Ctsl3	0.789162574	1.32E-31	MAG
Selenof3	0.922308128	7.96E-31	MAG
Appl2	0.735446714	1.30E-30	MAG
Ezr2	0.618254033	2.40E-30	MAG
Dbp3	0.82530502	1.43E-29	MAG
Ebpl	0.475150487	1.56E-29	MAG
Slc4a7	0.42690448	2.04E-29	MAG
Tmem594	0.94751283	2.90E-29	MAG
Slc38a22	0.879882251	1.01E-28	MAG
Luc7l33	0.813550593	1.23E-28	MAG
Laptm4a3	0.797450074	2.32E-28	MAG
Pros11	0.934940658	4.81E-28	MAG
Id32	0.875566983	5.58E-28	MAG
Casc42	0.732600949	7.84E-28	MAG
Abcd3	0.767874095	2.28E-27	MAG
Yipfl	0.684912093	5.95E-27	MAG

LOC100912564.21	0.826242253	2.25E-26	MAG
Ahcyl22	0.648115325	4.64E-26	MAG
Pnlsr1	0.869200119	5.43E-26	MAG
Rasal22	0.599154218	1.75E-25	MAG
Sc5d	0.576157714	2.11E-25	MAG
Trim21	0.568591152	4.05E-25	MAG
Slc41a11	0.661640452	4.15E-25	MAG
Gcsh1	0.70354198	5.37E-25	MAG
Kif5b1	0.811050729	6.28E-25	MAG
Gdi24	0.808607603	8.77E-25	MAG
Rhoc3	0.905729254	9.18E-25	MAG
Ralgps2	0.523669011	1.18E-24	MAG
Cd632	0.290539328	2.17E-24	MAG
Pbxip12	0.601629567	3.86E-24	MAG
Tubb2a2	0.865499866	5.16E-24	MAG
Ptpa	0.924022277	7.72E-24	MAG
Tm7sf32	0.666618904	1.11E-23	MAG
AC134224.2	0.806805101	2.99E-23	MAG
Rtn32	0.828515361	3.42E-23	MAG
AABR07039356.23	0.864821445	3.57E-23	MAG
Cd824	0.61767673	5.55E-23	MAG
Dab2ip2	0.858082273	3.22E-22	MAG
Por1	0.656304477	9.20E-22	MAG
Tspan72	0.737422316	1.62E-21	MAG
P4ha12	0.75531858	7.17E-21	MAG
Mesd3	0.658136447	4.53E-20	MAG
Svip2	0.578877803	6.14E-20	MAG
Ogt1	0.549044796	1.32E-19	MAG
Lmbrd11	0.632225392	1.40E-19	MAG
Mapre13	0.768063712	1.62E-19	MAG
Hnrnpa2b13	0.614227383	2.34E-19	MAG
Zfp36l14	0.73449969	4.68E-19	MAG
Prdx63	0.907475736	5.81E-19	MAG
AC134224.11	0.875315206	6.18E-19	MAG
Tns33	0.668061517	7.07E-19	MAG
Ube2e32	0.750231679	2.98E-18	MAG
Ahi12	0.540650144	3.00E-18	MAG
Hes12	0.700472179	8.61E-18	MAG
Scp21	0.738755257	1.10E-17	MAG
Mdk1	0.264374314	1.51E-17	MAG
Cdc37l14	0.602516084	1.52E-17	MAG
Tspan33	0.658681031	2.43E-17	MAG
Arl6ip53	0.673586778	2.73E-17	MAG

Hook12	0.561642986	5.95E-17	MAG
Zrsr21	0.440331016	7.19E-17	MAG
Lman11	0.57930459	1.49E-16	MAG
Rnpc3	0.457579833	2.55E-16	MAG
Hibadh	0.662045838	4.91E-16	MAG
Prpf4b1	0.714409727	7.16E-16	MAG
Sash13	0.616616791	7.18E-16	MAG
Ddah22	0.643678715	9.49E-16	MAG
LOC1083481753	0.47438493	1.03E-15	MAG
Bsg2	0.384516881	1.52E-15	MAG
Ugcg2	0.415148823	1.69E-15	MAG
Akap8l2	0.543162866	1.72E-15	MAG
Sdcbp3	0.644942607	3.25E-15	MAG
Epb41l21	0.511226703	4.45E-15	MAG
Chd72	0.29330044	6.49E-15	MAG
Macroh2a14	0.623540372	6.96E-15	MAG
Nfix2	0.672500859	8.56E-15	MAG
Ppp2r5a3	0.480962906	1.03E-14	MAG
Rnf1451	0.478455894	1.45E-14	MAG
Phyh1	0.64892374	1.67E-14	MAG
LOC1083495485	0.757164564	1.69E-14	MAG
Ece11	0.666835595	1.90E-14	MAG
Add33	0.550336041	3.02E-14	MAG
Rtn11	0.299892571	3.29E-14	MAG
AABR07019086.11	0.745098189	1.12E-13	MAG
S100a133	0.732981867	2.87E-13	MAG
Dhrs72	0.559593065	3.80E-13	MAG
Ddt3	0.769060726	1.41E-12	MAG
22-Mar	0.731668471	4.59E-12	MAG
Calm21	0.751587392	5.38E-12	MAG
Eif4g3	0.607665442	6.52E-12	MAG
Gabbr12	0.635226904	6.87E-12	MAG
Mien13	0.779203379	8.14E-12	MAG
Bnip31	0.616080662	1.91E-11	MAG
Ahctf1	0.539530351	2.32E-11	MAG
Pkn21	0.484269541	3.27E-11	MAG
Atp6v0e14	0.560819343	3.98E-11	MAG
Adi1	0.507027324	5.31E-11	MAG
Calm2.12	0.678590464	9.10E-11	MAG
Tsen15	0.584317224	1.46E-10	MAG
Sort1	0.386332824	1.74E-10	MAG
Dnajb141	0.317839597	2.53E-10	MAG
Tmed71	0.58105905	3.05E-10	MAG

Selenos1	0.465205303	5.03E-10	MAG
Zwint2	0.439742017	6.28E-10	MAG
Bccip	0.580597134	6.32E-10	MAG
Hsd17b113	0.407853961	6.47E-10	MAG
Sec14l13	0.54266974	7.51E-10	MAG
Cd813	0.43461267	7.59E-10	MAG
Arhgap51	0.392787252	7.97E-10	MAG
Ppp1r22	0.662780163	2.04E-09	MAG
AABR07053749.21	0.62966753	2.83E-09	MAG
Mfap21	0.381485402	3.52E-09	MAG
LOC679894	0.28254039	3.89E-09	MAG
Stim11	0.463399498	4.42E-09	MAG
Tmem471	0.425971918	5.22E-09	MAG
Vcam11	0.257225708	7.40E-09	MAG
Hist1h2bq3	0.584212744	7.50E-09	MAG
Prdx22	0.604023088	1.18E-08	MAG
Hsp90ab14	0.335357321	1.19E-08	MAG
Tmem331	0.301391848	1.34E-08	MAG
Cxxc52	0.31832545	1.38E-08	MAG
Ppp1r15b	0.359810248	1.59E-08	MAG
Olfml31	0.350049157	2.82E-08	MAG
Fuca13	0.486600915	2.93E-08	MAG
Adamts12	0.335232328	4.81E-08	MAG
Suco1	0.373472073	5.09E-08	MAG
Ubxn41	0.535039982	5.26E-08	MAG
Rcn22	0.526585775	5.82E-08	MAG
LOC6918074	0.814368802	6.12E-08	MAG
Tcf42	0.589967448	6.32E-08	MAG
Itm2c1	0.517310257	8.49E-08	MAG
Cebpd3	0.416632978	8.76E-08	MAG
Akr7a2	0.527361785	1.26E-07	MAG
Son2	0.351464287	1.52E-07	MAG
Gtf2h52	0.638837486	2.08E-07	MAG
Mettl7a1	0.539175982	2.27E-07	MAG
Zfp36l22	0.392889701	2.74E-07	MAG
Arl6ip12	0.478048582	2.96E-07	MAG
Fhl11	0.40663146	3.82E-07	MAG
Ckap42	0.475937102	3.88E-07	MAG
Ostc2	0.516505045	4.35E-07	MAG
Rnf1872	0.551334457	5.69E-07	MAG
Zranb23	0.396486853	6.07E-07	MAG
Tex2641	0.536966931	6.58E-07	MAG
Hs2st1	0.447503873	7.11E-07	MAG

Oaf1	0.266355501	1.51E-06	MAG
RGD13071001	0.47296437	1.83E-06	MAG
Hddc31	0.449875345	4.08E-06	MAG
Tspan63	0.357566217	4.11E-06	MAG
Psap3	0.264474102	4.98E-06	MAG
Itfg11	0.422008662	5.74E-06	MAG
Cyhr1	0.363540881	7.84E-06	MAG
Per31	0.483777563	8.51E-06	MAG
Akr1b1	0.625173406	8.54E-06	MAG
Ctsh3	0.295291391	9.02E-06	MAG
Prdx14	0.54815463	1.23E-05	MAG
Pnkd2	0.637875314	1.44E-05	MAG
Arglu13	0.366762526	2.59E-05	MAG
Smardc21	0.606282651	2.82E-05	MAG
Nr2f11	0.326714776	4.54E-05	MAG
Snrnp702	0.456864498	4.92E-05	MAG
Pld31	0.415840434	6.11E-05	MAG
Vgll43	0.456801154	6.35E-05	MAG
Ca113	0.403552754	7.99E-05	MAG
Higd1a2	0.528257296	8.21E-05	MAG
Sec623	0.380415267	8.46E-05	MAG
Arid1b	0.385695787	8.77E-05	MAG
Efcab141	0.338500466	8.99E-05	MAG
Pea153	0.464069563	0.000107748	MAG
Pdcd42	0.549486326	0.000111563	MAG
Prpsap11	0.396962698	0.000125812	MAG
Tecr3	0.378735349	0.000128336	MAG
Trappc10	0.46357793	0.000152962	MAG
Skp12	0.479738726	0.000171534	MAG
Snx52	0.424801121	0.000179353	MAG
Oat2	0.535098451	0.000181145	MAG
Atraid	0.410687274	0.000507747	MAG
Saraf2	0.388931221	0.000616558	MAG
RGD1310352	0.450564741	0.000916532	MAG
Kidins2201	0.350786917	0.001392452	MAG
Mxi1	0.440253111	0.001406575	MAG
Yipf4	0.41636817	0.001492799	MAG
Tm9sf23	0.389063839	0.001554577	MAG
Tceal82	0.456581413	0.001960615	MAG
Mrps212	0.567865983	0.003363329	MAG
Rab9a	0.400178615	0.005369195	MAG
Immp111	0.450242686	0.005451622	MAG
Wdr14	0.375348506	0.005471812	MAG

Tmbim42	0.305723687	0.006729321	MAG
Magt14	0.401075098	0.012487196	MAG
Tnrc6a1	0.352828386	0.013824969	MAG
Mob41	0.396350828	0.016310342	MAG
Phf142	0.329828355	0.026201956	MAG
Pgrmc11	0.386975263	0.030352822	MAG
Dtx31	0.382940805	0.033114686	MAG
Eml4	0.440158069	0.038864534	MAG
Bex32	0.483151831	0.042176644	MAG
Txndc151	0.353143687	0.042240288	MAG
Peg31	0.281013298	0.059742989	MAG
Thra2	0.509546302	0.065507148	MAG
Herpud12	0.331406923	0.066796682	MAG
Eci12	0.359426415	0.070294764	MAG
Uqcc22	0.547140885	0.071911039	MAG
Evi51	0.380641489	0.073655183	MAG
Higd2a2	0.467969344	0.091773636	MAG
Erp292	0.264362606	0.096939606	MAG
Grina3	0.27147813	0.101860934	MAG
Vdac22	0.392969361	0.112885766	MAG
Sub12	0.421734797	0.116281553	MAG
Impad1.12	0.321454401	0.147178568	MAG
Pttg1ip3	0.301500975	0.156529116	MAG
Zmynd11	0.429701613	0.184162069	MAG
Ak33	0.455632328	0.219655482	MAG
Golim43	0.318048868	0.25878469	MAG
Polr1d4	0.43908923	0.288131959	MAG
Klf32	0.268548283	0.329732074	MAG
Tubb4b3	0.296863977	0.530276386	MAG
Tmem2081	0.298251081	0.551744051	MAG
Rbm51	0.269826358	0.622788147	MAG
Dnajb9	0.269222808	0.634088847	MAG
Tuba1b3	0.316090885	0.774873435	MAG
Tmem1471	0.296427991	0.777551912	MAG
St13	0.424776083	0.79081672	MAG
Stat32	0.405401655	0.879508785	MAG
Flot12	0.411660894	0.941150955	MAG
H1f42	0.293860931	1	MAG
Arl8a1	0.323225171	1	MAG
Atxn7l3b3	0.260609177	1	MAG
Mphosph61	0.334978445	1	MAG
Mbnl23	0.250695975	1	MAG
Canx2	0.327013596	1	MAG

Kmt2a2	0.330733199	1	MAG
Mff1	0.335257069	1	MAG
Chd62	0.287557715	1	MAG
Hint21	0.309388904	1	MAG
Adh51	0.366771105	1	MAG
Map4k43	0.422218437	1	MAG
Gabarapl22	0.393040408	1	MAG
Tspan312	0.325084746	1	MAG
Sfr11	0.391256132	1	MAG
H2az22	0.366599602	1	MAG
Park72	0.330731019	1	MAG
Pgrmc21	0.279455292	1	MAG
Tmed102	0.329636133	1	MAG
RGD15629873	0.253935664	1	MAG
Nfat5	0.308763449	1	MAG
Hsd17b104	0.35541242	1	MAG
Usp9x1	0.364634669	1	MAG
Taf1d3	0.281160574	1	MAG
Lrpap11	0.263640326	1	MAG
Aimp1	0.357237028	1	MAG
Ndfip22	0.25184907	1	MAG
Ube2b1	0.267983423	1	MAG
Spcs21	0.262413489	1	MAG
Hipk12	0.327365299	1	MAG
Glud13	0.356287213	1	MAG
Pdpf4	0.439165705	1	MAG
Cfl22	0.279890847	1	MAG
Rbm261	0.301733792	1	MAG
Jtb2	0.363868393	1	MAG
Tcf251	0.371743511	1	MAG
Hsbp12	0.459643185	1	MAG
Ppp4r3b2	0.258071821	1	MAG
Sar1b3	0.287133047	1	MAG
Plekhj11	0.252383377	1	MAG
Sars13	0.267329341	1	MAG
Prkar1a3	0.284220768	1	MAG
Mdfic2	0.265939398	1	MAG
Erh2	0.421483531	1	MAG
Rere2	0.303791227	1	MAG
Reep32	0.328087239	1	MAG
Cwf19l23	0.272429963	1	MAG
Dpm11	0.266333593	1	MAG
Rab18	0.317782927	1	MAG

Nfia2	0.270504623	1	MAG
Phpt12	0.400270297	1	MAG
Hbb	6.281742109	0	RBC
LOC103694857	6.05658544	0	RBC
Hba-a3	5.18229107	0	RBC
Alas2	3.521346347	0	RBC
Lgals5	3.396046786	0	RBC
Ahsp	2.595507331	0	RBC
Cd52	1.984437008	0	RBC
Alox15	1.466352562	0	RBC
Hbb-bs	1.461731188	0	RBC
Rbm38	1.178850105	0	RBC
Rhd	1.103254513	0	RBC
Slc4a1	1.035787601	0	RBC
Rsad2	0.597428274	0	RBC
Gzmb1	0.593614281	0	RBC
Ctrb1	0.530363411	0	RBC
Ube2c	0.505388073	0	RBC
Cdc25b	0.394136301	0	RBC
Hemgn	0.368442027	0	RBC
Tmem86b	0.33398889	0	RBC
Kel	0.298190194	0	RBC
Klfl	0.463505582	1.47E-297	RBC
Rec114	0.419710936	5.04E-287	RBC
Tspan331	0.30472375	4.65E-217	RBC
Hba-a2	9.171167184	1.63E-179	RBC
Tk1	0.304846877	3.33E-172	RBC
Tent5c1	0.450059102	1.68E-144	RBC
Fech	1.30207371	9.98E-138	RBC
Emb	0.383132609	1.09E-118	RBC
Tmcc21	1.786290115	2.92E-116	RBC
Bpgm3	2.470892424	1.81E-109	RBC
Isg201	0.653350856	1.33E-108	RBC
Ucp22	1.849449871	1.06E-105	RBC
Hba-a1	9.654507734	1.11E-91	RBC
LOC100134871	9.616171539	2.64E-85	RBC
Gch1	0.329085674	3.93E-81	RBC
Car21	1.624625234	2.67E-80	RBC
E2f2	0.30811945	1.24E-79	RBC
Fam117a	0.296026964	4.74E-76	RBC
Dcaf12	0.358909268	8.34E-71	RBC
Slc25a391	1.356734473	2.58E-70	RBC
Tfdp2	0.478438013	8.61E-68	RBC

Mpst	0.605190609	1.29E-62	RBC
Lyl11	0.422374829	2.56E-62	RBC
Isca12	1.486471838	2.72E-58	RBC
Dhrs11	0.253336715	1.12E-56	RBC
Carhsp13	1.022319947	7.83E-51	RBC
Dapk21	0.318567503	8.61E-47	RBC
LOC6895741	1.50930684	7.98E-43	RBC
Irf7	0.339589939	6.62E-40	RBC
Rad23a1	0.594394067	5.18E-38	RBC
Mkrm12	0.916492336	3.97E-37	RBC
Ncoa4	0.701339025	1.44E-32	RBC
Glrx52	0.952187795	9.63E-30	RBC
Hagh3	0.681629296	1.73E-29	RBC
Marchf22	0.764382907	1.79E-28	RBC
Ybx31	1.297397416	7.69E-28	RBC
Bnip3l2	0.944357635	6.68E-25	RBC
LOC1003600872	0.462345541	8.82E-25	RBC
AABR07026424.1	0.285284859	4.09E-21	RBC
Rnf101	0.479771976	4.40E-21	RBC
LOC100912564.22	0.399569964	4.72E-20	RBC
Ubac12	0.267293411	2.69E-18	RBC
Bcas22	0.486866055	1.69E-14	RBC
Ftl12	0.32634045	8.32E-12	RBC
Prdx23	0.879179971	1.34E-10	RBC
Gabarapl23	0.396569937	8.94E-05	RBC
Sec61g2	0.465509165	0.000733858	RBC
Gpx11	0.646032695	0.118324134	RBC
C1ql2	3.969068784	0	AC
Gad1	3.733136845	0	AC
Gad2	3.626399063	0	AC
Ly6h	2.94646041	0	AC
Rasgrf1	2.298010406	0	AC
Slc32a1	2.234594678	0	AC
LOC100125362	2.078058006	0	AC
Nhlh2	2.05332519	0	AC
Vsnl1	2.0343225	0	AC
Nrsn2	1.816657669	0	AC
Elavl4	1.705330089	0	AC
Nptx2	1.447999594	0	AC
Nefl	1.42352802	0	AC
Gla2	1.335796087	0	AC
Elavl3	1.309491736	0	AC
Cst6	1.27552189	0	AC

Cpne6	1.263561939	0	AC
Pex5l	1.259188796	0	AC
Mapk10	1.121466894	0	AC
Kcnc2	1.108811444	0	AC
Tfap2c	1.073280467	0	AC
Grm1	1.056009633	0	AC
Cdh7	1.050967575	0	AC
Myt1l	1.013908609	0	AC
Tmem179	0.993466252	0	AC
Kcnip1	0.958678079	0	AC
Zmat4	0.924362257	0	AC
Syt6	0.889081857	0	AC
Grm8	0.784647934	0	AC
Rbfox3	0.710055783	0	AC
RGD1308544	0.701629924	0	AC
Spock1	0.629660057	0	AC
Tuba8	0.612640509	0	AC
Lrfr5	0.531055961	0	AC
Mgat5b	0.514102819	0	AC
Amhr2	0.432688291	0	AC
Grm2	0.429476176	0	AC
Vwc2	0.408998582	0	AC
Pdzrn4	0.397024386	0	AC
Raly1	0.680169162	5.66E-288	AC
Snhg11	3.270640311	1.03E-287	AC
Tafa2	0.511819775	2.40E-278	AC
Rbfox1	2.082584421	1.11E-265	AC
C1ql1	4.004953518	2.49E-263	AC
Smim17	0.559106444	4.60E-257	AC
Acta1	1.151563959	2.32E-250	AC
Syt7	0.267961265	7.10E-250	AC
AABR07043389.1	0.933175451	1.06E-226	AC
Pnma8a	0.639055957	2.43E-221	AC
Camkv	1.66889281	6.12E-215	AC
Synpr	0.934284165	2.75E-208	AC
Ptprn2	1.174568774	2.57E-205	AC
Cnih2	1.411762936	3.13E-205	AC
Cplx1	0.615152363	2.22E-194	AC
Dusp26	1.112406537	3.70E-190	AC
Shisa8	2.674740814	4.14E-184	AC
Lrrn3	1.218547805	4.49E-183	AC
Fbxo2	1.624894326	6.96E-183	AC
Kcnk1	0.767770289	4.91E-181	AC

Stx1b	1.867958051	9.54E-180	AC
LOC100361655	0.72663841	7.49E-174	AC
Fam131b	0.340116911	1.33E-173	AC
Fgf14	0.661507271	1.81E-173	AC
Cacng2	1.065816673	5.67E-173	AC
Lynx1	0.817379413	9.10E-170	AC
Cacnb4	1.181666881	3.24E-165	AC
Nrsn1	2.010613691	1.26E-162	AC
Syn2	0.632639232	6.65E-162	AC
Slc1a1	1.764861728	6.79E-161	AC
Pnck	0.761295455	1.71E-160	AC
Cdh18	1.03501129	1.02E-156	AC
Stk32c	1.186741097	7.39E-155	AC
Abat	1.411395829	4.68E-152	AC
Kcna6	2.235884353	2.27E-151	AC
Bmerb1	1.591181091	3.87E-150	AC
AABR07047872.1	0.61954795	3.79E-147	AC
Pax61	2.845879591	2.94E-146	AC
Gria1	0.684842891	7.86E-146	AC
Kcna1	0.924036579	1.76E-145	AC
Ryr2	0.492974835	2.12E-145	AC
LOC103694210	0.568028112	1.46E-144	AC
Efhc2	1.059394827	2.11E-144	AC
B3gat1	1.063146779	1.92E-143	AC
Nexmif	0.571032471	2.80E-135	AC
Cacng3	0.642903749	3.07E-135	AC
Chrna4	1.048670593	4.86E-132	AC
Cemip	0.377919392	1.57E-129	AC
Dpysl4	2.714994462	5.94E-129	AC
Arhgap44	0.7734398	1.49E-124	AC
Trpc4	0.476577269	7.17E-123	AC
Rel2	0.970699058	1.91E-121	AC
Tubb3	2.221773509	8.27E-118	AC
Necab2	0.360257027	8.96E-117	AC
Sult4a1	1.147552178	1.17E-116	AC
Sptbn4	1.138881711	4.64E-116	AC
Grin1	1.2318169	1.31E-115	AC
Prkar1b	0.467240335	1.32E-112	AC
Cartpt	3.929337158	3.00E-111	AC
Slc6a11	3.288956698	2.99E-110	AC
Cryga	0.587141069	7.53E-110	AC
Cacng4	0.847035592	3.83E-109	AC
Gria4	1.654676743	3.76E-108	AC

Uchl1	3.932737364	9.77E-108	AC
Disp2	1.25013188	1.86E-107	AC
Hdac111	1.84806415	6.72E-106	AC
Atp2b3	0.603489173	9.48E-106	AC
Necab1	1.379779056	2.63E-105	AC
Rpp25	1.058281697	4.33E-104	AC
Asphd2	0.661436707	6.75E-103	AC
Reep1	1.162902505	9.93E-103	AC
Nefh	0.425690696	9.97E-100	AC
Dbndd1	0.330551488	1.29E-99	AC
Zdhhc22	0.606907771	4.77E-99	AC
Tfap2a	1.135020774	5.24E-99	AC
Scn3b	0.967284015	1.91E-97	AC
Plppr2	1.121293459	4.37E-97	AC
Grip1	0.446550982	8.03E-97	AC
Hpca	1.630911795	4.35E-96	AC
Elavl2	1.116510291	1.20E-95	AC
Pnma2	0.907247843	1.17E-94	AC
Kif5a	1.577948107	3.12E-93	AC
Gabbr2	1.590106328	5.27E-92	AC
Gap431	2.088178366	7.80E-92	AC
Dlgap1	1.028479331	7.86E-90	AC
Ankrd55	0.399235442	1.93E-89	AC
Lingo1	0.781546361	1.51E-88	AC
Kcnd3	1.656685527	2.97E-88	AC
Ina1	2.515628244	2.70E-87	AC
Tac1	4.559372175	4.93E-87	AC
Syn1	1.437838343	1.03E-86	AC
Stmn4	1.722948349	1.30E-86	AC
Rab6b	2.3431971	1.67E-86	AC
Serp21	2.467421476	2.54E-86	AC
Rsph6a	0.368998332	1.42E-85	AC
Calb2	3.804996721	1.63E-85	AC
Dtna	0.352198951	1.01E-84	AC
Trim46	0.502434805	1.24E-84	AC
Brinp2	0.667214017	5.55E-84	AC
Nsg2	2.30716614	5.92E-83	AC
LOC100910838.1	0.505854093	1.85E-82	AC
Actl6b	0.934191807	3.60E-82	AC
Neto2	0.401350478	5.90E-82	AC
Csdc2	1.268773353	6.49E-81	AC
Akr7a3	0.5735461	1.36E-80	AC
Rph3a	0.758472836	5.55E-78	AC

Gpr1621	1.991860171	1.30E-77	AC
Jph3	0.481313497	1.88E-77	AC
RGD15603941	2.44627673	1.27E-76	AC
Lonrf2	1.398319004	1.55E-76	AC
Samd14	0.296206119	3.62E-76	AC
Vgf	1.071889391	4.74E-76	AC
Ephx4	0.86853204	6.73E-76	AC
Tmem911	0.475277439	3.07E-75	AC
Spock31	1.316742411	6.86E-75	AC
Syt5	0.967505386	1.16E-74	AC
Rgs8	1.236676052	2.48E-74	AC
Chga2	2.052816293	1.46E-73	AC
Lrrc73	0.755282946	5.42E-72	AC
Kcnab1	1.244895197	6.94E-72	AC
Ache1	1.149973302	1.04E-71	AC
Glrb	0.914587934	2.47E-71	AC
Celf5	0.909817731	3.09E-71	AC
Cbln2	0.921709579	6.28E-71	AC
Ctxn1	0.984594764	2.21E-70	AC
Stmn2	3.15817622	2.29E-69	AC
Slc35g2	0.635650583	4.04E-69	AC
Ablim2	0.391818014	3.45E-68	AC
Snurf	0.584326365	8.35E-68	AC
Rab9b	0.582147355	1.06E-67	AC
Tmem41a	1.651638405	4.82E-67	AC
Panx2	0.569783594	5.48E-67	AC
Matk	0.787671872	6.54E-67	AC
Sfrp2	1.275749625	1.69E-66	AC
Chd5	1.68477967	7.96E-66	AC
Stac2	0.470436216	1.33E-65	AC
Sgsm1	0.4483944	2.39E-65	AC
Tbc1d30	0.352616625	3.00E-65	AC
Tafa51	1.466520574	1.03E-64	AC
Grin2b	1.158166158	1.68E-64	AC
Atp2b2	1.542905487	2.08E-64	AC
Mal2	0.427411432	3.52E-64	AC
Nrip3	0.575791584	8.16E-64	AC
Add21	0.663718116	8.45E-64	AC
Scn3a	0.72535765	2.83E-63	AC
Golga7b	0.496875533	2.57E-62	AC
AABR07059380.1	1.029515799	2.86E-62	AC
Ngf	0.40582715	4.86E-61	AC
Nol4	0.76087609	5.71E-61	AC

Fsd1	0.6407697	1.92E-60	AC
Ndrp41	2.68070635	1.97E-60	AC
Tceal3	0.661296562	2.36E-60	AC
Dpp6	1.533182395	1.66E-59	AC
Plppr5	0.491507905	1.69E-59	AC
Rab3c	1.139734181	2.85E-59	AC
Arg1	0.453128102	1.28E-58	AC
Bhlhe22	2.00231793	5.10E-58	AC
Kcnj9	0.552717644	1.16E-57	AC
Prmt81	0.725053963	4.84E-57	AC
Atp9a	0.422912643	6.66E-57	AC
Zdbf2	1.023508046	1.22E-56	AC
Cnr1	1.034740604	1.35E-56	AC
Dmtn	0.69811406	7.09E-56	AC
Snrpn	0.384393771	9.80E-56	AC
Ctnnd21	1.668864683	1.02E-55	AC
Kif5c1	2.185006673	1.05E-55	AC
Olfm3	1.132145761	1.46E-55	AC
AABR07056953.1	0.459900848	2.16E-55	AC
Gria3	0.994567555	6.33E-55	AC
LOC1009121951	2.488473741	9.97E-55	AC
Lypd1	1.537133958	3.62E-54	AC
C1qtnf41	2.038845343	7.66E-54	AC
Tmem59l1	1.610362247	7.88E-54	AC
Plppr3	0.743364425	1.58E-53	AC
Atcay1	1.499223902	9.54E-53	AC
Pdpx1	1.518991217	1.03E-51	AC
Rnf208	1.066296658	2.74E-51	AC
Tubb4a1	2.102361486	1.18E-50	AC
Ccl27	0.985111497	1.50E-50	AC
Gng32	3.067911245	2.09E-50	AC
Camk1g	0.482376051	4.34E-50	AC
Ndp	0.775960523	4.71E-50	AC
Sptbn2	0.634598272	5.91E-50	AC
Cend11	1.265449228	9.62E-50	AC
Septin5	1.352742237	1.20E-49	AC
Jakmip1	0.322021938	1.33E-49	AC
Usp29	0.788904379	1.92E-49	AC
Rapgef11	0.455358827	3.58E-49	AC
Tmem1301	2.631008014	9.79E-49	AC
Tcea2	0.668923183	1.80E-48	AC
Sema4g	0.629194221	2.39E-48	AC
Dhcr24	1.298577969	6.06E-48	AC

Atp6v1g21	1.671349853	7.75E-48	AC
Cdk5r1	0.377256588	1.13E-47	AC
Sez6	1.250170052	1.14E-47	AC
Rgs171	0.396288116	2.35E-47	AC
Rab3b1	0.904117901	3.99E-47	AC
Slc6a17	0.8920257	4.09E-47	AC
Krt222	0.45388473	6.08E-47	AC
Sh3gl3	0.569935486	8.31E-47	AC
Apba2	1.121665102	1.01E-46	AC
Pianp	1.291784968	1.53E-46	AC
Slc45a1	0.463339109	2.98E-46	AC
Crabp1	4.137212816	3.04E-46	AC
Slc4a8	0.332447609	3.12E-46	AC
Zfp804a	1.323696398	7.59E-46	AC
Kcnc11	1.35423222	1.50E-45	AC
Tmem145	0.489860443	5.31E-45	AC
Nap1131	1.750434632	8.50E-45	AC
Cit1	0.722155645	3.28E-44	AC
Pcdh17	1.210328567	5.87E-44	AC
Fat3	0.477033416	5.96E-44	AC
Csrnp3	0.731227444	7.52E-44	AC
Emb1	0.708232788	1.14E-43	AC
Necab3	0.33561303	1.15E-43	AC
Fndc5	1.096404022	2.07E-43	AC
Mapk8ip22	1.118021303	2.84E-43	AC
Ppfia3	0.679120041	3.29E-43	AC
Rit21	1.806592783	3.40E-43	AC
Carmil2	0.490702211	3.72E-43	AC
AC127084.5	0.304914408	5.43E-43	AC
Gprec5b	1.463613276	9.08E-43	AC
Chst1	0.949537458	1.40E-42	AC
Syng3	1.05744607	1.52E-42	AC
Nov1	0.727519388	5.58E-42	AC
Chgb1	1.96877	9.41E-42	AC
Nap1151	2.96092432	2.67E-41	AC
LOC108351043	0.417815824	4.59E-41	AC
Nrxn2	2.219929832	7.46E-41	AC
Syt41	1.916961466	1.17E-40	AC
Syt3	0.557760128	2.34E-40	AC
Tmem178a	1.449192747	4.06E-40	AC
Dtnbp1	1.545569712	1.05E-39	AC
Ntrk2	0.847590962	1.18E-39	AC
Crmp12	1.237937824	1.62E-39	AC

Rundc3a1	1.00467667	1.73E-39	AC
Pnma8b2	2.429295112	2.09E-39	AC
Sorcs21	1.14308547	2.32E-39	AC
Magee1	0.788325608	2.55E-39	AC
Drp2	0.404645836	3.42E-39	AC
Caly1	3.460947717	5.26E-39	AC
Lrrtm2	0.468892778	1.04E-38	AC
LOC102549542	0.629781619	2.07E-38	AC
Ddx25	0.670390166	2.36E-38	AC
Fabp3	1.162802545	2.53E-38	AC
Fgf13	1.047876533	3.80E-38	AC
Sdr39u1	0.91149031	8.13E-38	AC
Mllt111	2.604071166	9.51E-38	AC
Efnb3	0.65977883	1.03E-37	AC
Igsf81	1.55914383	1.45E-37	AC
Dlgap3	0.361374201	1.87E-37	AC
Cep170b	0.959574129	3.35E-37	AC
Gng7	0.398164082	5.84E-37	AC
Syt131	1.046699177	9.71E-37	AC
Tmem178b	0.707834291	2.25E-36	AC
Tram1111	1.198985556	7.53E-36	AC
Srgap32	1.931640221	1.18E-35	AC
Bsn	0.992834776	2.37E-35	AC
Septin61	0.89577065	3.16E-35	AC
Fbll11	0.842513939	6.86E-35	AC
Cplx2	2.724190893	7.95E-35	AC
Tmem151a	0.61824126	9.88E-35	AC
Soga3	0.845687284	1.71E-34	AC
Eef1a21	1.826072793	4.30E-34	AC
Scn2a	0.783912496	5.06E-34	AC
Grik21	0.403237347	5.34E-34	AC
Ptpro1	1.147333276	6.01E-34	AC
Celf6	0.490404387	9.60E-34	AC
Cacnb3	0.842531302	1.41E-33	AC
Ppp1r1a1	1.333232855	1.52E-33	AC
Nudt10	0.3920812	3.64E-33	AC
Cacna1d	0.690145294	3.67E-33	AC
Inpp4b	0.996958024	3.85E-33	AC
Gng22	2.241000633	3.99E-33	AC
Cxcl141	3.953189701	5.81E-33	AC
Rab26	0.676738049	6.10E-33	AC
Atp1b11	2.900819428	1.16E-32	AC
Insyn1	1.197161152	1.35E-32	AC

Ttc9b1	1.103724799	1.49E-32	AC
Rab33a	0.708684846	1.69E-32	AC
Rhbd1l	0.662136688	1.70E-32	AC
Spock2	0.567004924	2.48E-32	AC
Caskin1	0.748677588	5.69E-32	AC
Dync1i1	0.970984585	6.38E-32	AC
Mtfp1	0.490279278	7.37E-32	AC
At1l	0.669482292	1.70E-31	AC
Pkia	0.68057114	1.80E-31	AC
Lrrc4b	1.366283856	2.23E-31	AC
Prkcz	0.558277511	2.75E-31	AC
Faim2l	2.020445936	2.80E-31	AC
Lrrc4	0.65370208	3.58E-31	AC
Ankrd13d	0.396099477	3.86E-31	AC
L1cam1	0.392649202	6.24E-31	AC
Gprasp2	1.250880802	1.24E-30	AC
Gpm6a2	2.240589243	1.36E-30	AC
Tspyl5	0.305408468	2.10E-30	AC
Tmeff1	1.141302264	2.43E-30	AC
Frrs1l	0.748429981	3.04E-30	AC
Resp182	2.527159844	4.25E-30	AC
Tenm2	0.489023719	4.45E-30	AC
Kctd2	0.862328916	4.77E-30	AC
Ush1c	0.816147625	5.02E-30	AC
Spon1l	1.452470375	7.21E-30	AC
Rab11fip4	0.43029165	1.49E-29	AC
LOC1009115151	0.788822921	1.74E-29	AC
Iqsec3l	1.352895519	2.67E-29	AC
Prrt2	0.310372643	2.75E-29	AC
Dpf3	0.646768177	4.33E-29	AC
Cpne5l	1.657699117	1.11E-28	AC
Mfsd6	0.679222001	3.21E-28	AC
Ppp1r14c	0.501331279	4.36E-28	AC
Elmod1l	1.801010038	6.64E-28	AC
Zcchc12	1.740538449	7.92E-28	AC
Erich5	0.496011612	9.98E-28	AC
Stmn32	3.443444271	1.02E-27	AC
Sv2a2	2.426697594	1.18E-27	AC
Clip3l	1.728064291	1.30E-27	AC
Ica1l	1.048723429	2.90E-27	AC
Afmid	0.451659292	3.55E-27	AC
Ncs1	0.900912432	3.61E-27	AC
Chn12	1.372243728	3.77E-27	AC

Dlg2	0.521141046	3.98E-27	AC
Slc7a14	0.77041012	6.93E-27	AC
Fez13	2.061048128	8.29E-27	AC
Lrtm21	1.069966216	9.70E-27	AC
Cadm33	1.092861381	1.06E-26	AC
Adcy2	0.779882315	1.62E-26	AC
Syt112	1.712100588	9.21E-26	AC
Cabp11	1.372899563	9.23E-26	AC
Steap2	0.563570901	9.42E-26	AC
Dpf1	0.277677126	9.65E-26	AC
Tpi11	1.289334396	1.03E-25	AC
Brinp1	0.784939349	1.32E-25	AC
Fdft1	1.30258393	1.57E-25	AC
Trpm31	0.469878711	1.58E-25	AC
Rtn12	3.209514335	2.30E-25	AC
Gprasp11	2.046371349	2.80E-25	AC
Dnajb3	0.271380258	3.50E-25	AC
Prkcb	0.492079014	4.71E-25	AC
Ptpn3	1.170440056	6.21E-25	AC
Rd3l1	1.76465404	6.34E-25	AC
Dnm31	1.154522086	7.66E-25	AC
Sema4a2	0.894216794	9.23E-25	AC
Plch1	1.477352474	1.15E-24	AC
Kcnh2	0.495253069	1.40E-24	AC
Ydjc	0.431445943	1.63E-24	AC
ENSRNOG00000000885	0.444948778	1.84E-24	AC
Pfkm1	1.647885387	1.85E-24	AC
Traf3ip31	0.505351947	2.17E-24	AC
Gpr851	0.952948402	2.68E-24	AC
Fam81a	0.512615646	4.23E-24	AC
Enho1	1.401592579	5.88E-24	AC
Lsamp1	1.042832385	7.37E-24	AC
Reep21	0.8796306	9.29E-24	AC
Dlg3	0.662376868	1.14E-23	AC
NEWGENE-6497122	1.159312716	1.54E-23	AC
Mcub	0.310179532	2.80E-23	AC
Gria22	1.699323266	2.84E-23	AC
N4bp2l11	0.813595304	2.93E-23	AC
Tcte1	0.64348332	4.88E-23	AC
Unc5c	0.477562055	6.07E-23	AC
RGD1304884	0.927618372	6.36E-23	AC
Pak11	0.913667267	6.68E-23	AC
Nptxr	0.535875069	7.08E-23	AC

Apc21	0.698613497	8.62E-23	AC
Acot72	1.178909164	9.06E-23	AC
AABR07040629.1	0.830621596	1.25E-22	AC
Lrp8	0.614467496	1.40E-22	AC
Src	0.574686159	1.50E-22	AC
Epb41l4a	0.71382734	1.62E-22	AC
Cystm1	1.212442349	1.76E-22	AC
B4galnt11	0.288396827	2.30E-22	AC
Nnat1	2.023339849	3.68E-22	AC
Ankrd37	0.636568089	4.42E-22	AC
Mapt1	2.048849735	4.57E-22	AC
Pde10a	0.377526821	4.73E-22	AC
LOC6919951	2.403428517	4.93E-22	AC
Nell2	0.702450099	7.67E-22	AC
Scx	0.526043152	1.04E-21	AC
Hap11	1.718145957	1.05E-21	AC
Kcna21	1.331710471	1.11E-21	AC
Bend6	0.625435121	1.17E-21	AC
Sapcd12	1.172407143	1.21E-21	AC
Lin7b	0.388630069	1.63E-21	AC
Emc9	0.760486805	1.80E-21	AC
Cobl1	0.577602416	2.33E-21	AC
AABR07017145.21	0.901905348	2.33E-21	AC
Ncam21	0.629261028	3.36E-21	AC
Acyp23	1.217336192	3.50E-21	AC
Apbb3	0.813576608	3.58E-21	AC
Lrrc241	0.44363908	4.17E-21	AC
AABR07046707.1	0.94032568	4.51E-21	AC
Nrxn11	0.847620793	5.03E-21	AC
Pnpol	0.823662918	5.97E-21	AC
Btbd81	0.547986882	7.26E-21	AC
Fcho1	0.381112142	7.93E-21	AC
Pak32	1.090421528	7.99E-21	AC
Scg34	1.131809842	1.00E-20	AC
Bok	0.784261027	1.11E-20	AC
Gabrg21	0.809752576	1.35E-20	AC
Nrxn31	0.755244395	1.82E-20	AC
Cdh13	0.489408033	1.87E-20	AC
Hebp2	0.301076921	2.42E-20	AC
Shc2	0.424041065	2.74E-20	AC
Unc13c	0.552219485	3.46E-20	AC
Tctex1d2	0.729814123	3.87E-20	AC
Lrp112	1.326650258	4.64E-20	AC

Fgfl1	0.46675772	5.21E-20	AC
Rnd2	0.516654673	5.32E-20	AC
Ptprf1	1.116399544	6.12E-20	AC
Tox2	0.404538961	7.38E-20	AC
Podxl21	1.447849505	1.04E-19	AC
Gpr22	1.252253263	1.05E-19	AC
Samd121	0.514490344	1.56E-19	AC
Ptprs	0.493329286	1.62E-19	AC
Nt5m	0.367802417	3.10E-19	AC
Slc25a14	0.876234735	3.11E-19	AC
Cap2	0.433497223	3.22E-19	AC
Shank2	0.27824057	3.26E-19	AC
Tmx41	2.358124386	3.77E-19	AC
Tspyl42	1.876114315	4.39E-19	AC
Dnajc61	0.945899467	4.54E-19	AC
Grik5	0.539365417	5.50E-19	AC
Kif1a1	1.014382273	6.40E-19	AC
Hexd	0.268101331	6.84E-19	AC
Kctd13	0.579179531	8.47E-19	AC
Hpcal41	0.987114434	1.08E-18	AC
Plppr41	0.661242439	1.33E-18	AC
Kif21a2	0.868065066	1.37E-18	AC
Zfp57	0.605839127	1.39E-18	AC
Aplp12	1.513124817	1.49E-18	AC
Slc12a51	0.730524845	2.01E-18	AC
Gnao11	0.977560217	2.76E-18	AC
Vat111	0.385774777	2.92E-18	AC
Wasf1	0.430564446	3.05E-18	AC
Dnajc27	0.613206691	3.21E-18	AC
Galnt16	0.296410788	3.71E-18	AC
Myo5a2	0.987610534	4.42E-18	AC
Rab15	0.324157741	6.46E-18	AC
Ndn2	1.716378622	6.92E-18	AC
Asap1	1.561783798	7.59E-18	AC
Olfm13	1.1516263	1.01E-17	AC
Phactr3	0.421102405	1.04E-17	AC
Zwint3	3.698146133	1.19E-17	AC
Tubb2b	1.097361725	1.56E-17	AC
Fto	0.855683124	1.95E-17	AC
Pcbd1	0.699998648	2.00E-17	AC
Smim29	0.654332697	2.12E-17	AC
Asic1	0.814722054	2.15E-17	AC
Dipk1b1	1.083474661	2.15E-17	AC

Mpp21	0.776897087	2.35E-17	AC
Rnf165	0.34910686	2.45E-17	AC
Prune2	0.458278864	2.46E-17	AC
Amigo1	0.526392671	3.12E-17	AC
Cplx32	2.113700981	3.57E-17	AC
Scrn11	0.741360923	3.64E-17	AC
Plcl1	0.706761311	3.65E-17	AC
Ppm1e	0.396780369	4.64E-17	AC
Six62	0.577814744	4.89E-17	AC
Epb41l31	1.219574566	5.84E-17	AC
Dixdc1	0.491852875	7.17E-17	AC
Nrg2	0.267999959	7.60E-17	AC
Fkbp1b	0.323698186	1.01E-16	AC
Mab21l11	1.242213252	1.06E-16	AC
Nrcam3	0.893574165	1.13E-16	AC
Them4	0.514180756	1.43E-16	AC
Micu32	0.963550539	1.50E-16	AC
Dnm11	1.150629929	1.57E-16	AC
LOC1009095951	0.681850404	1.97E-16	AC
Fam234b	0.589037616	1.97E-16	AC
Cyp46a1	0.38148087	2.09E-16	AC
Rogdi2	1.321768369	2.17E-16	AC
Dnajb5	0.505272588	2.29E-16	AC
Meis2	1.371748754	2.87E-16	AC
Minar21	0.575738162	2.99E-16	AC
Pacsin12	1.534811207	3.41E-16	AC
Unc79	0.375446935	4.28E-16	AC
Pim2	0.401142783	5.40E-16	AC
Pik3r3	0.57948742	5.42E-16	AC
AABR07051450.11	0.947446244	5.51E-16	AC
Agap2	0.447643173	6.04E-16	AC
Baspl4	3.065652365	6.41E-16	AC
Shd	0.520501443	7.00E-16	AC
Snx101	0.533918877	7.02E-16	AC
Habp4	0.390627333	7.44E-16	AC
Beat11	2.469642082	7.45E-16	AC
Bex22	2.320488166	7.74E-16	AC
Smyd2	0.606931661	8.54E-16	AC
Itsn1	0.42815341	1.34E-15	AC
Camk2b2	0.570803343	1.43E-15	AC
Tango2	0.64312835	1.45E-15	AC
Gstm72	1.696191356	1.62E-15	AC
Zfp605	0.52502336	1.72E-15	AC

Slc22a23	0.56416275	1.83E-15	AC
Gucy1b11	1.76065298	1.87E-15	AC
Tmem50b	0.624707049	1.98E-15	AC
Adgrb2	0.415576183	1.99E-15	AC
Tceal5	0.378902281	2.02E-15	AC
Cdkn1a	0.767747441	2.11E-15	AC
Reln	0.878186695	2.24E-15	AC
Tubg2	0.252823262	2.73E-15	AC
Cadps1	0.569616922	2.86E-15	AC
Porcn	0.445660801	2.94E-15	AC
Prps1	0.819576618	2.97E-15	AC
Gdap11	0.748746084	3.16E-15	AC
Mtus21	0.777780776	3.56E-15	AC
Scg21	1.720731037	4.03E-15	AC
Lrrn2	0.535847545	4.10E-15	AC
Akap6	0.49797047	5.75E-15	AC
Ncam13	1.568662222	6.41E-15	AC
Adarb12	1.912910841	6.51E-15	AC
Sgtb	0.534103053	6.73E-15	AC
Sqle	1.155813588	7.79E-15	AC
Tnr	0.520164108	8.98E-15	AC
Tmem63c	0.384966671	9.79E-15	AC
MAST1	0.300878167	1.19E-14	AC
Tmem14a	0.911660014	1.22E-14	AC
Sfxn1	0.777825311	1.46E-14	AC
Msantd41	1.32626787	1.88E-14	AC
Lnx1	0.374347582	2.07E-14	AC
B4galt62	0.90961917	2.24E-14	AC
Meaf6	0.627392907	2.60E-14	AC
Morn4	0.504181847	2.75E-14	AC
Rab3a3	2.427172936	3.10E-14	AC
Nat14	0.89007874	3.34E-14	AC
Nlgn11	0.345108136	4.42E-14	AC
Zc3h62	0.933559084	5.18E-14	AC
Fam241b	0.543301569	5.23E-14	AC
Antkmt2	1.044519636	5.24E-14	AC
Prkar2b	0.746982787	5.96E-14	AC
Chchd61	1.051934404	6.19E-14	AC
Nhp2	0.391367101	6.19E-14	AC
Adck5	0.341137483	7.18E-14	AC
Atp6v0e2	0.284926329	7.60E-14	AC
Tnc	0.624266149	8.92E-14	AC
Slc30a9	0.571966301	9.19E-14	AC

Plekhb22	1.291978608	1.11E-13	AC
Arel1	0.465540022	1.30E-13	AC
Cdk141	1.267917967	1.33E-13	AC
Prmt2	0.833205208	1.50E-13	AC
Sobp	0.722586009	1.64E-13	AC
Bicd1	0.403796363	1.88E-13	AC
LOC1083481722	2.244038725	1.96E-13	AC
Fxr21	0.734294261	1.97E-13	AC
Pja11	1.982465233	1.99E-13	AC
Arhgap20	0.693359966	2.07E-13	AC
Rbfox21	1.244357637	2.39E-13	AC
Sncb2	2.636657222	2.48E-13	AC
Rab4a	0.724672113	2.68E-13	AC
Xkr6	0.477404637	2.96E-13	AC
Fbxo92	0.940213062	2.96E-13	AC
Bnip32	1.58295247	3.05E-13	AC
Dkk31	2.085708151	3.50E-13	AC
Prxl2b1	0.706859202	3.89E-13	AC
Alg22	1.119187812	4.28E-13	AC
Flrt31	0.596828948	5.27E-13	AC
Snx16	0.430643562	5.46E-13	AC
Ppme12	1.140670421	5.84E-13	AC
Gnas	0.62753177	5.90E-13	AC
Dnajc41	0.47128954	6.42E-13	AC
Srebf24	0.889025235	8.36E-13	AC
Rhobtb2	0.47743631	8.51E-13	AC
Phyhipl	0.681073513	8.66E-13	AC
Coil	0.594144636	8.80E-13	AC
Ube2d11	0.933228171	1.12E-12	AC
Txnrd3	0.314803609	1.14E-12	AC
Qdpr	0.79509465	1.15E-12	AC
Nt5dc2	0.599786351	1.25E-12	AC
Vps37d	0.25466934	1.37E-12	AC
Mien14	1.250541773	1.41E-12	AC
Nipsnap3b	0.476411345	1.42E-12	AC
Plcx2	0.328312942	1.59E-12	AC
Aatk1	0.365706562	1.61E-12	AC
Casd1	0.497429521	1.61E-12	AC
Carmil3	0.392559046	1.70E-12	AC
Slc3a11	0.451502505	1.82E-12	AC
Srsf121	0.591238612	1.91E-12	AC
Usp111	0.795062058	1.92E-12	AC
Arxes2	0.937719659	2.03E-12	AC

Chst10	0.333061912	2.07E-12	AC
Ypel4	0.425994239	2.22E-12	AC
Gabbr13	1.541366027	2.45E-12	AC
Kif3a	0.994351909	2.53E-12	AC
Pcbp32	1.289667773	2.62E-12	AC
Asphd1	0.413255892	2.76E-12	AC
Evl4	1.187188323	3.38E-12	AC
Dnajc122	0.594803246	4.98E-12	AC
Dctpp1	0.314201391	5.62E-12	AC
Ap1s1	0.957159153	5.73E-12	AC
Ap3b22	0.549865439	5.83E-12	AC
Hexim2	0.747588222	6.41E-12	AC
Nmt2	0.311116919	6.41E-12	AC
Ankrd34a	0.336551272	6.56E-12	AC
Dtnb	0.479574839	6.71E-12	AC
Bex33	2.170134282	7.36E-12	AC
Cndp21	0.697647742	7.49E-12	AC
Cep191	0.697108103	7.55E-12	AC
Ece2	0.34251471	7.59E-12	AC
Ndufaf51	0.563237759	8.12E-12	AC
Iqsec1	0.372212395	8.31E-12	AC
Ubash3b	0.384451883	8.89E-12	AC
Prr7	0.488463457	9.46E-12	AC
Akap111	1.167482944	1.03E-11	AC
Atp6v1a2	1.449278402	1.24E-11	AC
Ncdn1	0.560850619	1.47E-11	AC
Rcan2	1.130071484	1.55E-11	AC
Cox10	0.420400909	1.59E-11	AC
Mbd4	0.253630609	1.93E-11	AC
Agpat11	0.930291296	1.98E-11	AC
Snap912	1.088898039	2.04E-11	AC
Pycr3	0.731734916	2.29E-11	AC
Vps41	0.65146513	2.72E-11	AC
Fdxr	0.262214637	2.80E-11	AC
Dtd11	1.259679453	3.00E-11	AC
Stmn12	2.985107421	3.18E-11	AC
Mapk8ip3	0.489007286	3.62E-11	AC
Dgcr6	0.483437916	3.83E-11	AC
Lin7a1	0.98929044	3.83E-11	AC
Slc4a101	1.270701846	3.85E-11	AC
Serf1	0.683371789	3.92E-11	AC
Zfhx2	0.352609612	4.15E-11	AC
Mrps18b1	0.745896313	4.28E-11	AC

Lym9	0.308691744	4.58E-11	AC
Camk2n11	1.797405354	5.09E-11	AC
B3galnt1	0.484831694	5.28E-11	AC
Clec2l	0.359169523	5.41E-11	AC
Tenm4	0.337096493	5.55E-11	AC
Ddah11	0.86977964	5.56E-11	AC
Edil31	1.160516095	5.58E-11	AC
Nol3	0.886391301	5.64E-11	AC
Zbtb45	0.405704199	5.85E-11	AC
Ppa2	0.638755509	6.02E-11	AC
Usp13	0.389555087	6.94E-11	AC
Me1	0.353267109	7.08E-11	AC
Gdi11	1.531541359	7.17E-11	AC
Slc38a12	0.675495943	7.63E-11	AC
Comtd1	0.590242306	7.73E-11	AC
LOC100359916	0.32961397	7.75E-11	AC
Nlgn2	0.366238099	7.95E-11	AC
Scamp11	0.875002417	8.17E-11	AC
Apoo1	0.46852285	9.55E-11	AC
Nsg11	0.893754619	9.58E-11	AC
Aldoc4	2.312451183	1.00E-10	AC
Zfp4282	0.770628257	1.01E-10	AC
Insig1	0.901480398	1.09E-10	AC
Ppat	0.360906323	1.12E-10	AC
Stx18	0.49362746	1.15E-10	AC
Zfp512	0.632097381	1.15E-10	AC
Tamm41	0.328754125	1.17E-10	AC
Ppif	0.324728488	1.32E-10	AC
Fbxo32	0.458507749	1.34E-10	AC
Plxna1	0.434529576	1.37E-10	AC
Gucy1a12	1.417226805	1.40E-10	AC
Taf4b	0.307691707	1.43E-10	AC
Rab2b1	0.700748662	1.49E-10	AC
Vom2r44	0.483043299	1.60E-10	AC
Ube2q2	0.611200237	1.64E-10	AC
Eef1e12	1.197996097	1.66E-10	AC
Idi11	1.332578462	1.68E-10	AC
Acvr1b	0.584251563	1.76E-10	AC
Tpd52l1	0.598174443	1.92E-10	AC
Mgarp2	2.161478095	1.94E-10	AC
Map1a	0.778231761	2.05E-10	AC
Pmvk2	1.104725308	2.08E-10	AC
Rnfl42	1.296512039	2.27E-10	AC

Scoc1	1.369564522	2.31E-10	AC
Gga1	0.565652286	2.55E-10	AC
Steap3	0.624435797	2.72E-10	AC
Snca	1.045302145	2.87E-10	AC
Peg32	1.733555472	2.92E-10	AC
Lmbr1	0.428214698	3.18E-10	AC
RGD13060631	0.893803419	3.21E-10	AC
Calm2.13	1.80672062	3.57E-10	AC
Cyfip21	1.26013081	3.76E-10	AC
Nsmf	0.493291992	3.80E-10	AC
Mllt1	0.421978345	3.83E-10	AC
Dzip3	0.543103369	4.14E-10	AC
Agpat4	0.745497783	4.72E-10	AC
Rnf8	0.338679493	4.74E-10	AC
St6galnac6	0.402861187	5.00E-10	AC
Tfap2b1	3.401405161	5.30E-10	AC
Usp22	0.417292692	5.98E-10	AC
Prkaca1	1.196918544	6.73E-10	AC
Atp6v1b23	1.301003055	7.45E-10	AC
Wdr63	0.615615811	8.21E-10	AC
Usp461	0.736832868	8.32E-10	AC
Fdps2	1.75176295	9.24E-10	AC
Asb2	0.262935263	9.29E-10	AC
Inafm1	1.19112818	9.47E-10	AC
Mpc13	1.64092042	9.73E-10	AC
Acsl41	0.658391121	9.99E-10	AC
Timm22	0.675921586	1.01E-09	AC
Prrt11	0.835249922	1.02E-09	AC
Enoph11	0.362708804	1.04E-09	AC
Tmem25	0.394219877	1.14E-09	AC
Rap1gds12	0.663223516	1.15E-09	AC
Srrm42	0.714938124	1.31E-09	AC
Ngb	0.712093637	1.75E-09	AC
Prdx31	0.508746436	1.94E-09	AC
Slc39a3	0.433286273	1.98E-09	AC
Gnl311	1.067640663	2.12E-09	AC
Tkt3	2.164512012	2.13E-09	AC
Nebi	0.400598507	2.18E-09	AC
Mgst34	1.097074117	2.25E-09	AC
Cgref1	0.319708036	2.36E-09	AC
Tfb2m	0.275237597	2.36E-09	AC
Ywhag2	1.247729595	2.37E-09	AC
Rnf44	0.66254127	2.40E-09	AC

Rgs6	0.473683542	2.46E-09	AC
Fam126b	0.329188172	2.51E-09	AC
Mtor	0.360521532	2.58E-09	AC
Unc80	0.281698621	2.66E-09	AC
Atp6v0c2	2.142383036	2.75E-09	AC
Gdpd1	0.385381322	2.93E-09	AC
Cdip11	0.530801044	2.99E-09	AC
Fkbp111	1.008513742	3.09E-09	AC
Ergic21	0.898679496	3.14E-09	AC
AABR07027870.12	0.455009495	3.32E-09	AC
Hsd17b122	0.978781851	3.45E-09	AC
Mab21l2	0.643559344	3.50E-09	AC
AABR07068351.1	0.43483235	3.51E-09	AC
Abhd82	0.921706118	3.74E-09	AC
Atp6v1c12	0.829374089	4.13E-09	AC
Tmem38a	0.450438472	4.20E-09	AC
Zc4h2	0.397417169	4.39E-09	AC
Acat2	0.483126178	4.64E-09	AC
Ywhah3	2.014638193	4.79E-09	AC
Impact1	0.88293413	4.93E-09	AC
Thra3	1.361403026	5.07E-09	AC
Odf2	0.382379867	5.11E-09	AC
Lrfn4	0.26653639	5.12E-09	AC
Vipr21	0.512817245	5.29E-09	AC
Mtrf1	0.271641594	5.99E-09	AC
Palm1	0.578852966	6.10E-09	AC
Ap3s21	0.770838207	6.49E-09	AC
Shtn11	0.477722121	6.55E-09	AC
Oxr11	1.284905971	6.55E-09	AC
Atp6v0a12	1.101650075	6.65E-09	AC
B3gat32	1.019994672	7.81E-09	AC
Klc13	1.419904489	7.89E-09	AC
Kcnip41	0.966639115	8.02E-09	AC
Mettl22	0.43104298	8.06E-09	AC
Ppial4d4	1.171970357	8.21E-09	AC
RGD13118993	1.648853565	8.32E-09	AC
Pcdh9	0.476756086	8.56E-09	AC
Pafah1b32	0.860141852	8.60E-09	AC
Syt14	2.053864784	8.90E-09	AC
Yars1	0.623725704	9.61E-09	AC
Ntpcr	0.616252507	1.07E-08	AC
Cep170	0.5141476	1.07E-08	AC
Daam13	0.828880208	1.09E-08	AC

Apeg3	0.299931401	1.10E-08	AC
Napb	0.487384205	1.23E-08	AC
Clasp11	0.631588441	1.29E-08	AC
Lanc111	0.761518683	1.29E-08	AC
RGD13091042	0.985005117	1.35E-08	AC
Dcaf4	0.414919104	1.39E-08	AC
Robo21	0.619474066	1.48E-08	AC
Neu1	0.485209591	1.56E-08	AC
Atp6v1d2	1.459103438	1.63E-08	AC
Zfp775	0.306134415	1.63E-08	AC
Ankmy2	0.525836136	1.77E-08	AC
Cmas1	0.78159275	1.78E-08	AC
Slc30a4	0.445388497	1.82E-08	AC
Zer1	0.426940953	2.00E-08	AC
Psip12	1.638701869	2.02E-08	AC
Bccip1	0.663427149	2.05E-08	AC
Pcdha132	0.631364827	2.13E-08	AC
Iqcb1	0.514887967	2.23E-08	AC
Nav2	0.507815484	2.24E-08	AC
Tacc21	0.412310971	2.35E-08	AC
Aak12	0.483017293	2.44E-08	AC
Maged12	1.047188081	2.48E-08	AC
Afdn	0.4276672	2.69E-08	AC
LOC102549726	0.845645543	2.71E-08	AC
Fam92a	0.315750759	2.78E-08	AC
Actr1b	0.565590155	2.80E-08	AC
Tubb2a3	2.026053201	2.99E-08	AC
Fam184a1	0.499211717	3.16E-08	AC
Kifap3	1.14878903	3.23E-08	AC
Znhit11	0.742550002	3.31E-08	AC
Mettl18	0.356733314	3.38E-08	AC
Ero1b	0.257864391	3.51E-08	AC
Nub1	0.253146278	3.58E-08	AC
Ncoa7	0.724650027	3.62E-08	AC
Olfm21	0.616549695	3.65E-08	AC
Pgm2111	0.6627313	4.12E-08	AC
Hmgcs12	1.110364464	4.16E-08	AC
Cd2001	0.531728494	4.20E-08	AC
Hdgfl32	0.658552047	4.20E-08	AC
Clcn33	0.824088638	4.31E-08	AC
Pop71	0.441432492	4.32E-08	AC
Coprs	0.306145403	4.42E-08	AC
Mxra73	1.552511179	4.57E-08	AC

Timm21	0.388343655	4.63E-08	AC
Mrpl121	0.723273596	4.63E-08	AC
Spryd3	0.583990012	4.63E-08	AC
Fam120b1	0.557514587	4.79E-08	AC
Dhps2	0.595388368	5.61E-08	AC
Galnt13	0.483635571	6.48E-08	AC
Gphn	0.394004664	6.60E-08	AC
Ppm11	0.39758168	6.78E-08	AC
Bpnt12	0.915455339	6.87E-08	AC
Septin12	0.416596012	7.26E-08	AC
Snap252	1.669983065	7.27E-08	AC
Myef21	0.64513124	7.31E-08	AC
Bdh1	0.266211963	7.39E-08	AC
Suox	0.299089968	7.48E-08	AC
Farp2	0.445934763	8.04E-08	AC
Ptpn41	0.927631058	8.10E-08	AC
Zfp597	0.377245286	8.33E-08	AC
Acyp13	0.763090399	8.95E-08	AC
Ggt7	0.352894626	9.26E-08	AC
Fry2	0.670959474	9.29E-08	AC
Sirt51	0.683236103	9.44E-08	AC
Fxyd6	0.858927579	9.85E-08	AC
Dda1	0.66247889	1.01E-07	AC
Ssbp42	1.069264021	1.06E-07	AC
Tmem1991	0.452049451	1.07E-07	AC
Necap11	0.936152845	1.12E-07	AC
Mindy3	0.287666479	1.24E-07	AC
Nt5c3b1	0.64045961	1.28E-07	AC
Trim37	0.319825405	1.28E-07	AC
Nenf2	1.505741294	1.31E-07	AC
Zfp6222	0.531645316	1.33E-07	AC
Arl6ip4	0.569093569	1.37E-07	AC
Fbxo22	0.652904149	1.42E-07	AC
Trappc6b2	0.845029666	1.48E-07	AC
Tanc2	0.419677199	1.50E-07	AC
Dgcr8	0.343653734	1.51E-07	AC
Fxn	0.358325649	1.51E-07	AC
Map11	0.345333734	1.59E-07	AC
RGD1309730	0.534702286	1.61E-07	AC
AABR07001099.2	0.281283602	1.67E-07	AC
Gmpr1	0.41536019	1.72E-07	AC
Uqcc23	1.269956597	1.73E-07	AC
Spsb3	0.359106973	1.84E-07	AC

Adk	0.508714838	1.85E-07	AC
Rorb2	0.766435655	1.95E-07	AC
Inha	0.401297634	1.98E-07	AC
Tspan73	1.312330657	2.00E-07	AC
Tmed41	0.715698647	2.00E-07	AC
Hmox2	0.597861101	2.02E-07	AC
Micu1	0.764852221	2.40E-07	AC
Psen2	0.415163168	2.47E-07	AC
Bnip3l3	1.337320466	2.47E-07	AC
Cyhr11	0.821241835	2.61E-07	AC
Plxna21	0.80111078	2.74E-07	AC
Psm141	0.710773884	2.84E-07	AC
Timm102	0.648800804	2.91E-07	AC
Tmsb15b22	0.831956324	2.94E-07	AC
Eipr1	0.250477891	2.97E-07	AC
Cacna1g	0.31553162	3.06E-07	AC
Ccdc91	0.522671154	3.28E-07	AC
Camkmt	0.788873886	3.28E-07	AC
Zfp385d	0.502562437	3.37E-07	AC
Ptprk	0.473515712	3.38E-07	AC
Ino80	0.61074725	3.43E-07	AC
Dpysl2	0.402528557	3.57E-07	AC
Flywch12	0.898440991	3.69E-07	AC
Scg53	1.611348595	3.75E-07	AC
Thoc5	0.333866648	3.81E-07	AC
Gspt2	0.364117107	4.12E-07	AC
Crym2	0.417333122	4.17E-07	AC
Atl2	0.337462492	4.31E-07	AC
Ppp2r5b	0.487288149	4.34E-07	AC
Ap2b11	0.905241033	4.49E-07	AC
Tex2	0.334445108	4.49E-07	AC
Lsm43	1.311974489	4.54E-07	AC
Ndufaf7	0.323044958	4.59E-07	AC
Gpn1	0.511140374	4.85E-07	AC
Nipsnap1	0.543337314	4.85E-07	AC
Bod1	0.506758699	4.89E-07	AC
LOC100909840	0.31405396	5.05E-07	AC
RGD1302996	0.270064699	5.06E-07	AC
Faf1	0.343701621	5.09E-07	AC
Cbx53	1.232950324	5.17E-07	AC
Ethel	0.517377398	5.21E-07	AC
Acsf2	0.545613298	5.25E-07	AC
Slirp1	0.57989826	5.35E-07	AC

Ipo13	0.530946166	5.67E-07	AC
Vti1b	0.356215168	5.71E-07	AC
Prdx53	1.351529564	5.76E-07	AC
Jkamp	0.389493759	5.96E-07	AC
Pih1d1	0.300446345	6.19E-07	AC
Meis3	0.277694838	6.24E-07	AC
Msrb12	0.889276214	6.27E-07	AC
Map2k11	0.533313158	6.35E-07	AC
Rgs71	0.453749184	6.37E-07	AC
St3gal52	0.332625079	6.58E-07	AC
Hagh4	0.861844341	6.79E-07	AC
Itm2c2	1.558905188	7.23E-07	AC
Ttc331	0.49862516	7.33E-07	AC
Aig12	0.555283806	7.61E-07	AC
AABR07037451.22	0.370331653	7.74E-07	AC
Usp141	0.961127752	7.75E-07	AC
Rbsn	0.394683578	7.83E-07	AC
Creld1	0.31842914	7.94E-07	AC
Pde4b1	0.36456569	8.21E-07	AC
Ndufc12	0.628419028	8.32E-07	AC
Wdr48	0.413791998	8.50E-07	AC
Sez6l22	0.732401836	8.78E-07	AC
Slc6a9	1.694779666	8.85E-07	AC
Trappc2l2	0.965762263	9.09E-07	AC
Pgap4	0.388175889	9.45E-07	AC
Ppm1h	0.436109083	9.64E-07	AC
Auh1	0.743070227	9.74E-07	AC
Cyp511	0.583553987	9.99E-07	AC
Tstd3	0.286970168	1.03E-06	AC
Frmd31	0.274448366	1.03E-06	AC
Isca23	0.630704816	1.06E-06	AC
Pcsk21	0.450998875	1.08E-06	AC
Ndufaf21	0.515599302	1.13E-06	AC
Cryzl1	0.673063449	1.14E-06	AC
Shfl	0.41994501	1.15E-06	AC
Smarca42	0.771253686	1.15E-06	AC
Tlnrd11	0.675012977	1.17E-06	AC
Gsk3a1	0.514428383	1.21E-06	AC
Tnk21	0.79608396	1.23E-06	AC
Fam49b2	0.377798943	1.24E-06	AC
Hectd2	0.262222676	1.25E-06	AC
Idh3b2	0.653203852	1.27E-06	AC
Prim1	0.343704018	1.29E-06	AC

Mvb12b1	0.519761114	1.31E-06	AC
Vps13c	0.479551523	1.37E-06	AC
Cyb561d2	0.54525671	1.38E-06	AC
Pura	0.672511204	1.48E-06	AC
Dnajc73	0.88917156	1.48E-06	AC
Eepd1	0.445461739	1.53E-06	AC
Atp6v0d12	1.235593286	1.70E-06	AC
Klhdc3	0.522671153	1.77E-06	AC
Gpi3	1.342562133	1.78E-06	AC
Ppia5	1.763796853	1.83E-06	AC
Spryd71	0.627384969	1.84E-06	AC
B9d2	0.307854069	1.90E-06	AC
Emc42	0.763466257	1.98E-06	AC
Prdx24	1.449903963	2.05E-06	AC
Hace1	0.288663017	2.05E-06	AC
Ttc32	1.501199419	2.11E-06	AC
Nsf3	1.008224346	2.14E-06	AC
Osbp11a1	0.854245272	2.15E-06	AC
LOC3067662	0.464077079	2.18E-06	AC
Mtss2	0.293598431	2.24E-06	AC
Tcf252	1.290045339	2.32E-06	AC
Macol1	0.599997134	2.37E-06	AC
Polr3k2	0.83092611	2.45E-06	AC
Ndufa82	1.404743306	2.48E-06	AC
Rufy32	0.403948415	2.56E-06	AC
Tomm70	0.50120201	2.80E-06	AC
LOC1036937761	0.484687469	2.82E-06	AC
Zrsr22	0.69463495	2.95E-06	AC
Bpgm4	0.651649683	2.96E-06	AC
Ap1m11	0.419301017	2.96E-06	AC
Fads11	0.540029466	2.98E-06	AC
Map3k10	0.26823739	3.07E-06	AC
Prkra	0.420297684	3.14E-06	AC
Igip	0.410379179	3.25E-06	AC
Rnf1873	1.163332146	3.27E-06	AC
Tecr4	1.644048683	3.46E-06	AC
Zfp955a1	0.436685101	3.49E-06	AC
Cdipt1	0.67473762	3.61E-06	AC
Commd41	0.957115304	3.63E-06	AC
Arl8a2	1.090761522	3.65E-06	AC
Fam216a1	0.443051804	3.90E-06	AC
Amigo21	0.665326264	3.90E-06	AC
RGD1306502	0.445834791	3.91E-06	AC

Zcrb11	0.787647589	4.04E-06	AC
Ssu722	0.992517859	4.06E-06	AC
Tmem106b	0.412664188	4.08E-06	AC
Eif1b2	1.355443932	4.10E-06	AC
Anapc7	0.359284761	4.21E-06	AC
Ckb3	1.6745717	4.23E-06	AC
U2af1141	0.611903719	4.42E-06	AC
Pdhhb1	0.337840546	4.49E-06	AC
Tox31	0.631256828	4.56E-06	AC
Map91	0.351950455	4.67E-06	AC
Vamp23	1.650371025	4.74E-06	AC
Mta3	0.392487715	4.78E-06	AC
AABR07045680.1	0.409822476	4.78E-06	AC
Tmem126b1	0.549190069	4.83E-06	AC
Six32	0.736105238	4.88E-06	AC
Ctps11	0.554904798	5.01E-06	AC
Stk251	0.624330159	5.04E-06	AC
Atxn2	0.442872269	5.14E-06	AC
Cdk5	0.422972648	5.61E-06	AC
Nelfb	0.501898555	5.71E-06	AC
Adgrl1	0.447474657	5.73E-06	AC
Ttc27	0.322855141	5.73E-06	AC
Ndfip13	1.607616497	5.77E-06	AC
Itfg12	0.925163786	5.83E-06	AC
Fam220a	0.330877146	5.89E-06	AC
Dynll21	1.196452033	6.00E-06	AC
Ndufb63	1.201667834	6.26E-06	AC
Mlf22	1.163359653	6.37E-06	AC
Hint12	1.475683593	6.46E-06	AC
Pcdh7	0.313168125	6.66E-06	AC
Nmral1	0.337717459	6.70E-06	AC
Elmod3	0.296251868	6.85E-06	AC
Cd2bp2	0.365607733	7.03E-06	AC
Zbtb381	0.554003749	7.30E-06	AC
Nipa11	0.325506748	7.86E-06	AC
Klhl81	0.310059253	7.86E-06	AC
Osbpl61	0.590549978	8.40E-06	AC
Pebp13	1.515977641	8.46E-06	AC
Cfl15	1.513203372	8.50E-06	AC
Nudt91	0.653379332	8.60E-06	AC
LOC100911769	0.255626586	8.72E-06	AC
Ndufc22	1.376117371	9.14E-06	AC
Sgta	0.561436109	9.19E-06	AC

Wdr41	0.360773864	9.29E-06	AC
Sec14l14	0.969860554	9.49E-06	AC
Psmg3	0.957599753	9.78E-06	AC
Fam177a1	0.293748547	1.00E-05	AC
Dip2c	0.297233606	1.07E-05	AC
Mrps252	0.821658418	1.08E-05	AC
Msmo11	0.494984727	1.10E-05	AC
Sipa1l32	0.71273465	1.15E-05	AC
Dctn62	0.842289011	1.17E-05	AC
Nomo1	0.576010289	1.17E-05	AC
Pip4k2b	0.360319682	1.17E-05	AC
Actr8	0.468693236	1.22E-05	AC
Vdac32	1.176695824	1.24E-05	AC
Tusc22	0.507436729	1.31E-05	AC
Ankrd46	0.618685727	1.33E-05	AC
Cltb2	1.025768787	1.36E-05	AC
Tceal12	0.675521183	1.36E-05	AC
Ubfd1	0.378462343	1.41E-05	AC
Mrpl341	0.778747758	1.41E-05	AC
Nsfl1c2	0.901774854	1.42E-05	AC
Uchl3.1	0.508413366	1.49E-05	AC
Atp6ap21	1.152190149	1.51E-05	AC
Atp6v1e12	1.472235956	1.51E-05	AC
Idh3a2	0.52569954	1.56E-05	AC
Ppp2r1a1	0.726788807	1.59E-05	AC
Ptpa1	0.43720496	1.59E-05	AC
LOC4993311	0.394222893	1.61E-05	AC
Psmg41	0.604341375	1.64E-05	AC
Vta11	0.41338391	1.66E-05	AC
Cxxc53	0.72918193	1.68E-05	AC
Cstf2	0.625596908	1.69E-05	AC
Zc3h8	0.283736491	1.76E-05	AC
Pclo2	0.648551051	1.86E-05	AC
Trappc12	1.227228071	1.94E-05	AC
Mrpl421	0.624651526	1.98E-05	AC
Gbe1	0.383062994	2.00E-05	AC
Dbn1	0.333992271	2.01E-05	AC
Rwdd2b	0.337155895	2.04E-05	AC
Sec11c2	0.783244458	2.04E-05	AC
Ndufab12	1.00189315	2.06E-05	AC
Rtn33	1.362001889	2.07E-05	AC
Smarca1	0.317764338	2.08E-05	AC
Pgrmc12	1.278070608	2.09E-05	AC

Larp6	0.378398354	2.12E-05	AC
Cmip4	0.518708933	2.16E-05	AC
Atn11	0.706026622	2.16E-05	AC
Mpp62	1.053393158	2.17E-05	AC
Slc5a6	0.295144302	2.19E-05	AC
Celf2	0.278646295	2.21E-05	AC
Pja22	1.289642738	2.23E-05	AC
Fam136a	0.25498203	2.29E-05	AC
Ndufs22	1.029682665	2.30E-05	AC
Cdc26	0.470936975	2.34E-05	AC
Atp5md2	0.7885694	2.36E-05	AC
Ube3a2	0.634945785	2.37E-05	AC
Uba11	0.600997797	2.38E-05	AC
Mrpl10	0.469394685	2.53E-05	AC
Ramac	0.373063244	2.57E-05	AC
Ldhb2	1.246448207	2.63E-05	AC
Ccdc88a1	0.706082167	2.65E-05	AC
Pts	0.295495672	2.73E-05	AC
Eif1ad1	0.32301805	2.78E-05	AC
Rtn2	0.297942301	2.81E-05	AC
Ngrn1	0.521425622	2.90E-05	AC
Ppp3cb	0.690490745	2.94E-05	AC
Hpf12	0.652900326	3.00E-05	AC
Nacad	0.282678295	3.05E-05	AC
Mapk8ip1	0.547213288	3.20E-05	AC
Cep131	0.2804327	3.27E-05	AC
Polr3d1	0.373310309	3.28E-05	AC
Zdhhc9	0.315407246	3.39E-05	AC
Srp54a1	0.275556265	3.55E-05	AC
Mrps331	0.899797115	3.60E-05	AC
Dnm1l2	0.682648769	3.61E-05	AC
Higd2a3	0.908797234	3.63E-05	AC
Atp1a33	0.98080546	3.82E-05	AC
Cox5a2	1.338723884	3.84E-05	AC
Vamp4	0.340274857	3.91E-05	AC
Dner2	0.288812257	3.99E-05	AC
Lysmd23	0.68042661	4.02E-05	AC
Rpp30	0.324416622	4.06E-05	AC
Bud311	0.557013415	4.11E-05	AC
Inpp5b	0.30681651	4.14E-05	AC
Nedd82	1.407203294	4.53E-05	AC
Dctn32	1.145977512	4.73E-05	AC
Plcx3	0.409141198	4.79E-05	AC

Lin37	0.261620845	4.84E-05	AC
Agap3	0.481614274	4.92E-05	AC
Sugp2	0.262978704	5.08E-05	AC
Pfdn21	1.266921997	5.13E-05	AC
Pafah1b2	0.750904977	5.54E-05	AC
Stx122	0.660932452	5.63E-05	AC
Tsr2	0.345690547	5.76E-05	AC
Kat7	0.627520991	5.81E-05	AC
Bcdin3d	0.274289857	5.82E-05	AC
Bahd1	0.274197713	5.87E-05	AC
Srrm32	0.336517252	5.87E-05	AC
Mboat7l1	0.44624195	5.93E-05	AC
Glrx2	0.339363469	6.24E-05	AC
Rab3gap1	0.258638664	6.35E-05	AC
Gpkow	0.476947122	6.36E-05	AC
Tuba1a4	1.595662046	6.38E-05	AC
Apex1	0.431256773	6.43E-05	AC
Kdm1a	0.258831401	6.64E-05	AC
Krt101	0.298057135	6.66E-05	AC
Eri3	0.458449896	6.71E-05	AC
Tmem63b	0.270533527	6.73E-05	AC
Kctd15	0.345997281	7.09E-05	AC
Ylpm11	0.351686906	7.24E-05	AC
Ggh	0.270274939	7.47E-05	AC
Slc22a173	0.981008726	7.51E-05	AC
Ndufs32	0.82120051	7.66E-05	AC
Smim261	0.433536921	7.78E-05	AC
Ppp1r11	0.464157319	7.95E-05	AC
Tbkbp1	0.281224129	8.07E-05	AC
AABR07027306.1	0.292647018	8.17E-05	AC
Fam13b1	0.632926681	8.20E-05	AC
Rnf201	0.483927007	8.27E-05	AC
Dact32	0.453653814	8.31E-05	AC
Nrep	0.325707942	8.33E-05	AC
Glrx53	0.629718723	8.38E-05	AC
Cluap11	0.55756985	8.51E-05	AC
Ppp2cb2	0.757118687	8.67E-05	AC
Flot13	0.653542158	8.75E-05	AC
Mapre32	0.315633809	8.94E-05	AC
Get1	0.329824177	8.96E-05	AC
Pole41	0.909442308	9.34E-05	AC
Smim191	0.488623391	9.52E-05	AC
Slc25a43	1.351465747	9.76E-05	AC

Klhdc2	0.266266852	9.79E-05	AC
Tspan132	0.67378264	0.000104395	AC
Dtx32	0.594730718	0.000106097	AC
Mrps341	0.550824648	0.00010618	AC
Hes61	0.472272105	0.000107633	AC
Idh3g2	0.609670497	0.00011155	AC
Atp6v0b2	1.221611365	0.000111833	AC
Hras1	0.734127924	0.000117944	AC
Tm7sf2	0.326974291	0.000119014	AC
Mrpl50	0.440596021	0.000121293	AC
Fdx2	0.582205974	0.000123573	AC
Kifbp2	0.61175102	0.000124459	AC
Slc27a4	0.522961172	0.000127909	AC
Ndfip23	0.653542752	0.000130178	AC
Cacybp1	0.861393525	0.000131425	AC
Ube2ql11	0.511661829	0.000131553	AC
Ciapi12	0.465255445	0.000133359	AC
Tsyp111	0.499899765	0.000138702	AC
Pam162	1.023838597	0.000155965	AC
Cfap361	0.55323031	0.000156732	AC
MGC942071	0.49095762	0.000158525	AC
Ppp1r3c1	0.348080643	0.000160499	AC
Coro1c1	0.529288837	0.000164628	AC
Klhl23	0.467252178	0.000165678	AC
Morf4l21	1.12355587	0.000167624	AC
Slc43a21	0.346752041	0.000175493	AC
Aimp2	0.326810512	0.00019123	AC
Higd1a3	1.18745811	0.000195809	AC
Taf15	0.46369531	0.00020077	AC
Psmb52	1.368804543	0.000205472	AC
RbmX2	0.254418109	0.000206202	AC
Gent1	0.288052623	0.000216628	AC
Ccdc1862	0.706840234	0.000217407	AC
Hint22	0.496791589	0.000223756	AC
Tmod21	0.416334959	0.000227584	AC
Hspbp1	0.534678014	0.000229246	AC
Slu7	0.363071095	0.000236074	AC
Pip4p1	0.47904221	0.000240772	AC
Abcb8	0.262732367	0.000245406	AC
Coa32	0.868715923	0.000247143	AC
Cript2	0.533634251	0.000253182	AC
Atp5mc32	1.175829406	0.000253229	AC
Slc17a5	0.327574021	0.000253646	AC

Mlycd	0.403154543	0.000257139	AC
Fbxo111	0.465327148	0.000260167	AC
Ocell	0.608888505	0.000261817	AC
Polr2c3	0.491924107	0.000262929	AC
Reep54	1.24450386	0.000265733	AC
Vps291	0.712674301	0.000272067	AC
Map1s	0.253023992	0.000272915	AC
Ufsp21	0.47483849	0.000274162	AC
Ecsit	0.305691129	0.000275682	AC
Ctnnbip11	0.351799555	0.000278284	AC
Irak1bp11	0.361658971	0.00028079	AC
Gabarapl11	0.968840369	0.0002943	AC
Txn22	0.56014261	0.000296929	AC
Meis1	0.327202881	0.000302577	AC
Cxxc42	0.550589149	0.000303314	AC
Txndc152	0.974183474	0.000303642	AC
Actr103	0.603638161	0.000304716	AC
Eif4e4	0.726942828	0.000306829	AC
Cacna1a1	0.660593342	0.000308238	AC
Retreg21	0.603341063	0.000308908	AC
Creb3	0.408969047	0.00031585	AC
Ppp2r2d	0.624264969	0.000318509	AC
Btg3	0.489410208	0.000324021	AC
Rabggtb2	0.625440036	0.000330266	AC
Cnrip11	0.495345391	0.000330648	AC
Stoml1	0.496222581	0.000337889	AC
Gcsh2	0.294459943	0.000347668	AC
B4gat1	0.437270503	0.000348359	AC
Tmem141	0.568688967	0.000352253	AC
Map1lc3a3	1.230968084	0.000359497	AC
Thyn11	0.346482096	0.000362574	AC
Phyh2	0.744676208	0.000365199	AC
Usp5	0.449603552	0.000366028	AC
Ppm1g1	0.442323703	0.000367178	AC
Kptn	0.386301786	0.000370075	AC
Rnf2201	0.424099155	0.000371419	AC
Srek1	0.419526623	0.000381129	AC
Mkln1	0.303156569	0.000395392	AC
Socs51	0.382176593	0.00039841	AC
Atp5if12	1.326691084	0.000410551	AC
Sqstm12	1.059543511	0.000410809	AC
Ebag91	0.398908805	0.000411694	AC
Got13	0.775495733	0.00041284	AC

Cfl23	0.56664212	0.000430318	AC
Spag72	0.683552342	0.000442473	AC
Stub11	0.912667966	0.000444004	AC
Abca2	0.442824974	0.000450916	AC
Pnpla8	0.663238835	0.000453566	AC
Rabep11	0.608022063	0.00045548	AC
AABR07040855.11	0.284085806	0.000464343	AC
Kctd17	0.354425763	0.000466512	AC
Suclg12	0.890927945	0.000478815	AC
Appl11	0.491088885	0.000483324	AC
Mrpl46	0.373083923	0.000491549	AC
Mbd1	0.381706576	0.000493878	AC
Atp6v1f2	1.275255506	0.000497985	AC
Lyrml	0.568720389	0.00049973	AC
Commd82	0.386320828	0.000504507	AC
Bloc1s5	0.513315089	0.000509636	AC
Ntm2	0.593087286	0.000513707	AC
Txnl4a2	0.835811677	0.000514808	AC
Opal	0.282814947	0.000516892	AC
Ncald1	0.404555189	0.000520487	AC
Filip11	0.477831377	0.000527124	AC
Bles03	0.457852636	0.000540088	AC
Fam117b	0.340009627	0.000543022	AC
Vdac12	1.130414638	0.000548812	AC
Nudc	0.44118803	0.000554285	AC
Gps12	0.427695869	0.000576923	AC
Sirt3	0.302382116	0.000577706	AC
Leprotl12	0.633811304	0.000588331	AC
Fkbp32	1.090355402	0.000619082	AC
Fbxw71	0.714478192	0.000627633	AC
Nicn12	0.801746467	0.000627671	AC
Ndufv3.12	0.799848473	0.000638311	AC
Sucla22	0.698710407	0.000644026	AC
Mgat3	0.313632195	0.00066951	AC
Timm9	0.595941159	0.000696828	AC
AABR07026424.11	0.442333451	0.000704472	AC
Nup54	0.278502546	0.000715081	AC
Efr3a1	0.917458247	0.000720505	AC
Cisd13	1.056065728	0.000728272	AC
Dnajb6	0.579112635	0.000735597	AC
Ubr5	0.388493758	0.00075244	AC
Tcp13	0.658427651	0.000756277	AC
Apbb12	0.47781734	0.000759758	AC

Mrpl351	0.532449739	0.000761652	AC
Stambp11	0.361691516	0.000764143	AC
Rfc3	0.292164504	0.000768054	AC
Usp47	0.443090715	0.00078061	AC
Pafah1b12	1.150548376	0.000787346	AC
Cfap4101	0.255966034	0.000790426	AC
Brpf3	0.293480809	0.00080001	AC
Cenpc	0.335398938	0.000826904	AC
Mff2	0.735598442	0.000843521	AC
Zc2hc1a	0.452459111	0.000869509	AC
Zfp414	0.360737367	0.000873263	AC
Eeal	0.408560344	0.000887194	AC
Psmc52	0.949316516	0.000904295	AC
Atxn7l3b4	1.211694944	0.000927359	AC
Ldb11	0.38751672	0.000937291	AC
Fgf12	0.372307032	0.000944451	AC
Pgk13	1.265874218	0.000948122	AC
Tmem97	0.284616302	0.000955262	AC
Napg3	0.75843033	0.000970602	AC
Nars13	0.926734688	0.000971563	AC
Dusp81	0.365884962	0.000975872	AC
Ppm1b2	0.664377101	0.000988832	AC
Nt5c3a1	0.283185693	0.001051369	AC
Timm8b2	1.09736769	0.001059869	AC
Drap11	0.785104449	0.001061422	AC
Calm12	0.85106896	0.001074587	AC
Pin12	0.786054975	0.00108021	AC
Dnajc19	0.434696127	0.001089411	AC
Tp53bp1	0.417422582	0.001092046	AC
Map22	0.70354961	0.001100763	AC
Ncoa5	0.334480062	0.001130123	AC
Map1lc3b	0.773771466	0.001133004	AC
Pkm2	0.508762289	0.001133861	AC
Shroom22	0.271320101	0.00117331	AC
Tmem80	0.321180438	0.001187699	AC
Ift27	0.560526478	0.001187897	AC
Ccdc28b1	0.451450731	0.001192825	AC
Rpp251	0.271458573	0.001229503	AC
Ppp3r11	0.383587679	0.001239845	AC
Nectin12	0.646082791	0.001259668	AC
Orai22	0.357756466	0.001330056	AC
Lrrc45	0.291074924	0.001347093	AC
Tbc1d9	0.278191449	0.001371126	AC

LOC1009126182	0.778093502	0.001372263	AC
Dcun1d5	0.516155615	0.001386409	AC
Ap2s12	0.686854872	0.001456125	AC
Aip1	0.778405678	0.001482188	AC
Syp	0.285514455	0.001532405	AC
Arl22	0.623913175	0.001551381	AC
Nap1l42	0.530943454	0.001556339	AC
LOC100911238	0.468941498	0.001580278	AC
Akr1b11	0.707363753	0.001621918	AC
Eif62	0.854973707	0.001654933	AC
Aimp11	0.590072918	0.001683581	AC
Rrp15	0.267033011	0.001696819	AC
Cox6c3	1.146939781	0.001704904	AC
Snrpd11	0.791283225	0.00183213	AC
Prkacb	0.332816267	0.001849794	AC
Fkbp23	0.924856495	0.001864047	AC
Nsd11	0.416168011	0.00186616	AC
AABR07031491.22	0.571966836	0.00187465	AC
Mettl91	0.479131116	0.001887232	AC
Tmem1472	0.698044897	0.001902776	AC
Cnksr21	0.579950002	0.001912787	AC
Arhgap351	0.35926688	0.0019298	AC
Cbx32	0.860730846	0.001966319	AC
Zfp5032	0.517481999	0.001985872	AC
Stx71	0.618377538	0.002045558	AC
Rab11b1	0.970851165	0.002052316	AC
Ywhab4	1.080471711	0.002118893	AC
Hsp90ab15	1.062073457	0.002121319	AC
Cmpk11	0.673225652	0.002183169	AC
Pbx2	0.422122591	0.002203007	AC
Mrpl33	0.310591837	0.00227974	AC
Tmem601	0.356857122	0.002314189	AC
Dynlrb13	1.101628415	0.002349788	AC
mrpl241	0.26003015	0.002514687	AC
Nfrkb	0.258209212	0.002559936	AC
Pwwp3a	0.308634392	0.002565434	AC
Ccdc1272	0.423894991	0.002589352	AC
Irf2bp12	0.331421758	0.002617561	AC
Abcd31	0.318909431	0.002672432	AC
Ndufv22	0.846251848	0.002687394	AC
Marcks113	0.928895129	0.002757639	AC
Cycs2	0.915430154	0.002773155	AC
Rae1	0.374369116	0.002800646	AC

Trappc32	0.586423642	0.002815703	AC
Vps13d	0.290349331	0.002823663	AC
Smad21	0.39452304	0.002955099	AC
LOC1003624531	0.754967547	0.00300216	AC
Impad1.13	0.62502208	0.003079398	AC
Phf32	0.577420084	0.003092328	AC
Phpt13	0.935150915	0.003096546	AC
Sbf11	0.295371318	0.003121302	AC
Ywhaq3	1.044078167	0.003145956	AC
Bola11	0.607838693	0.003149917	AC
Nudt16l1	0.375616628	0.00316616	AC
RGD13059381	0.252232528	0.003167204	AC
Bloc1s4	0.3471796	0.003216063	AC
Scaper1	0.266956242	0.003251141	AC
Stc11	0.254596907	0.00329258	AC
Paip13	0.581054597	0.003319621	AC
Hgs	0.349348977	0.003339171	AC
Galnt11	0.377468545	0.003355238	AC
Mrfap11	1.045400041	0.003385394	AC
Bag5l1	0.306490878	0.003447451	AC
Akip1	0.347369173	0.003470325	AC
Hsbp13	1.057019828	0.003496059	AC
Slc35c1	0.251647362	0.003536917	AC
Asb8	0.263128905	0.003560766	AC
Rblcc11	0.511319172	0.00365986	AC
Aktip	0.472241752	0.00366591	AC
RGD15629874	0.762070568	0.003706857	AC
Arpc1a3	0.73862048	0.0037423	AC
Zmat5	0.612724589	0.003771456	AC
Coch	1.058430805	0.003783689	AC
Atxn101	0.767243981	0.003830954	AC
Prkar1a4	0.817755988	0.003855229	AC
Cyc12	0.722329361	0.003872097	AC
Elob3	1.008835911	0.003939988	AC
Atp6v1h2	0.472214489	0.003953033	AC
Pde4dip	0.696293478	0.003985755	AC
Srp91	0.763972406	0.004006522	AC
Rnf1452	0.369962649	0.004048455	AC
Lcmt1	0.367781805	0.004071004	AC
Zdhhc14	0.264796783	0.004096514	AC
Nudcd3	0.303715805	0.004154788	AC
Arhgef252	0.477404149	0.004236313	AC
Msrbb21	0.27045723	0.004240057	AC

Rrp7a	0.376643022	0.004256643	AC
Pink11	0.964226283	0.00428285	AC
C1d1	0.586755618	0.004328981	AC
Mrps62	0.416789763	0.004403802	AC
Trim33	0.545681876	0.004413621	AC
RGD1304567	0.327294672	0.004422983	AC
Tm2d11	0.432037177	0.004433853	AC
Thtpa	0.35331795	0.004450625	AC
Ca114	0.25262879	0.004489772	AC
Aggf1	0.262506505	0.004637324	AC
Zranb24	0.69699371	0.004699889	AC
Pef1	0.276716801	0.00475348	AC
Grpel12	0.535324816	0.004804484	AC
Ube2m3	0.72632448	0.00485148	AC
Tspyl2	0.46848849	0.004859906	AC
Park73	1.197445067	0.004930972	AC
Pfk12	0.463178414	0.00496549	AC
Ndufb82	1.19509016	0.00500766	AC
Ppp5c	0.338737006	0.005019257	AC
Dapk3	0.61279701	0.005073449	AC
Dmxl22	0.640077896	0.005154365	AC
Sugt12	0.689488845	0.005255567	AC
Safb2	0.586567228	0.005270561	AC
Dock73	0.445473675	0.005293905	AC
Clasp22	0.533024908	0.005297723	AC
Hivep3	0.50820439	0.005324208	AC
Psm111	0.581668212	0.005409491	AC
Gadd45gip11	0.812737832	0.005460092	AC
Dctn12	0.550782228	0.005548976	AC
Dnaja3	0.27521986	0.00580112	AC
Klhl71	0.602289221	0.005809769	AC
Kras1	0.517091718	0.005824718	AC
Plcb43	0.570551422	0.005881808	AC
Dnajc30	0.253138053	0.005970838	AC
Dapk1	0.530469812	0.005977956	AC
Uhrf2	0.370489906	0.006047554	AC
Ctif	0.330957886	0.006234205	AC
Psmg12	0.529771798	0.006273695	AC
Mtx21	0.66176432	0.006328475	AC
RGD1566099	0.324538089	0.006356439	AC
Rtca2	0.51266106	0.00637558	AC
Vps4a2	0.523021552	0.006467732	AC
Tmem132a1	0.531752713	0.006501752	AC

Rex1bd	0.33571116	0.006506212	AC
Ap3d11	0.552169504	0.006518626	AC
Dexi	0.47713174	0.006708761	AC
Hmgcr	0.439381943	0.00675667	AC
Atp5flc3	0.976391457	0.006770495	AC
Gsto11	0.665337245	0.006806934	AC
Prepl1	0.292667617	0.006862538	AC
Tsnax3	0.413003607	0.006909217	AC
Mtss1	0.677015675	0.006946348	AC
Ptpmt1	0.534942262	0.007023183	AC
Calm22	1.065103322	0.007059355	AC
Ranbp1	0.737273167	0.007066007	AC
Zfp318	0.272164303	0.007079666	AC
Mdh13	1.172827297	0.007105944	AC
Myh101	0.629819611	0.007115239	AC
Tspan34	0.948427755	0.007207349	AC
Sars14	0.751005351	0.0072407	AC
Psmc62	0.572013121	0.007311638	AC
Fam207a	0.265625068	0.007341356	AC
Sumo11	0.796741999	0.007413488	AC
Rora2	0.312861399	0.007482436	AC
Mrps30	0.289217187	0.007507188	AC
Cpsf2	0.275652917	0.007561015	AC
Kansl3	0.320512272	0.007666357	AC
Rab8a2	0.295082691	0.007864704	AC
Mrpl581	0.406040393	0.007901382	AC
Aldoa2	1.077449516	0.007907854	AC
Yaf22	0.506762023	0.00792595	AC
Rab6a1	0.758368576	0.0080874	AC
Fnta2	0.280473296	0.008149931	AC
Cwf19l24	0.258910573	0.008264328	AC
Trmt1122	0.828340756	0.008304091	AC
Lhfpl62	0.817398541	0.008401853	AC
Pgam13	0.994425664	0.008712363	AC
Snx23	0.566274874	0.008905699	AC
Bcas23	0.670449996	0.009046826	AC
Mrpl212	0.380084024	0.009106287	AC
Gtf3c6	0.266235215	0.009191886	AC
Sphkap2	0.322486495	0.009382253	AC
Dmap1	0.401908948	0.009470678	AC
Glyr11	0.46384633	0.009541724	AC
Pdrg12	0.553179503	0.009702023	AC
Grec101	0.854769083	0.009715869	AC

Zfr2	0.764665807	0.009786748	AC
Trim32	0.360155594	0.009787884	AC
Dnaja22	0.742115018	0.010165601	AC
RGD1563482	0.311241042	0.010169116	AC
Cib21	0.306057285	0.010206472	AC
Ank32	0.343290045	0.010478092	AC
Snrpa1	0.566561522	0.01053779	AC
Psmc21	0.647549672	0.010563543	AC
Abcb6	0.267011929	0.010600627	AC
Arl6ip13	0.99237159	0.010698229	AC
Fbxo31	0.273625888	0.010829674	AC
Vstm2b1	0.270304879	0.010831267	AC
Usp322	0.450328201	0.010878646	AC
Vps9d1	0.272637362	0.011249582	AC
Ugcg3	0.283789176	0.011333465	AC
Pfdn41	0.376453713	0.011337159	AC
Wdr15	0.570847825	0.011377502	AC
Zfp6371	0.424188267	0.011403703	AC
Mphosph62	0.323751201	0.011483119	AC
Suds3	0.391310604	0.011807529	AC
Blcap1	0.250017045	0.011854736	AC
Nudt191	0.389543923	0.012315093	AC
Tmem2222	0.295902083	0.012350655	AC
Uqcr114	1.08144257	0.012397069	AC
Hid1	0.263130295	0.012537948	AC
Map61	0.316951956	0.012735194	AC
Arv1	0.319092774	0.012885062	AC
Rab11fip2	0.302784949	0.012985688	AC
Ptms3	0.998409464	0.013108954	AC
Cops42	0.47959234	0.013298528	AC
Cops63	0.632442685	0.013407028	AC
Ndufb33	0.815727865	0.013821814	AC
Ddit32	0.751502605	0.013890982	AC
Ubqln22	0.849483146	0.014238205	AC
Nipal2	0.383488438	0.014316507	AC
Rilpl1	0.30605813	0.014499256	AC
Srp143	1.0520947	0.014957398	AC
Nab1	0.458342673	0.015016341	AC
Ndufa62	1.015969557	0.015292127	AC
Erg28	0.270483309	0.015324627	AC
AABR07070043.1	0.275350281	0.01540269	AC
Mrps111	0.382857606	0.015479829	AC
Trak1	0.285810534	0.015582226	AC

Fmc13	0.52066209	0.016082365	AC
Slc2a131	0.538013728	0.016424567	AC
Med29	0.396102418	0.016532626	AC
Ddx242	0.637153527	0.01681111	AC
Dnajc5	0.355503816	0.017199333	AC
Gon72	0.267231773	0.017458772	AC
Hnrnpul22	0.43077016	0.017564666	AC
Anapc2	0.332111939	0.017572123	AC
Gnl1	0.345917219	0.017823308	AC
Polr2k3	0.807851737	0.017924728	AC
Snx171	0.567873822	0.01796033	AC
Ube2d2	0.296879728	0.018016974	AC
Sod11	0.916467364	0.018070436	AC
Lsm2	0.420144938	0.018169838	AC
Spire1	0.276713907	0.018246655	AC
Sik3	0.27693226	0.018286174	AC
Ywhae3	0.925566505	0.01848679	AC
Rcn23	0.840019097	0.018523156	AC
LOC103692169	0.258122488	0.018550839	AC
Nr2f62	0.327670813	0.018805763	AC
Matr33	0.843851943	0.018870885	AC
Tpgs2	0.370743326	0.018939801	AC
Cfdp12	0.725414295	0.019120404	AC
Zfp40	0.252374817	0.019227295	AC
Neurl12	0.277135944	0.019414093	AC
Srfbp1	0.29377011	0.019553265	AC
Ephb2	0.446993255	0.01968539	AC
Josd1	0.33914558	0.019709927	AC
NEWGENE-1308196	0.262553357	0.019812544	AC
Kidins2202	0.5090721	0.020513594	AC
Mppe1	0.403740424	0.020727608	AC
Vps351	0.693258298	0.020878087	AC
Dpcd2	0.446386657	0.021694559	AC
Rasa11	0.410883376	0.022105477	AC
Gsk3b1	0.56956646	0.022126409	AC
Vapa2	0.757064411	0.022289036	AC
Snrnp251	0.277806514	0.022295779	AC
Ulk2	0.361020556	0.022320272	AC
Psmc61	0.536232491	0.022651083	AC
Hdac6	0.335385595	0.022885636	AC
Dnlz1	0.422902724	0.022993381	AC
Hat1	0.472418148	0.023367869	AC
Dnajc18	0.26318617	0.023385252	AC

LOC1083481443	0.858091953	0.023828269	AC
Hmgn33	0.489778344	0.02416851	AC
Rev3l1	0.26694897	0.024177641	AC
Bag12	0.276033118	0.024286728	AC
Ndufs53	0.909892057	0.024321703	AC
Coa82	0.640456774	0.024586606	AC
Ntan12	0.674492631	0.024675062	AC
Tmem127	0.450191927	0.025020264	AC
Hibadh1	0.265962271	0.025393275	AC
Mycbp22	0.332117048	0.025803951	AC
Trappc131	0.297324786	0.025938125	AC
Hk1	0.32924196	0.026762625	AC
Ndufb23	0.937218326	0.026894559	AC
Hspa42	0.762648602	0.027334827	AC
Jpt13	0.828599205	0.027359112	AC
Ola13	0.408251088	0.028227624	AC
Taf102	0.481525044	0.028577129	AC
Ypel51	0.558986373	0.029650806	AC
Mea13	0.840527589	0.030014341	AC
Rfx71	0.356509284	0.030029127	AC
Pithd12	0.393386848	0.031121335	AC
Ndufb52	0.874518515	0.031607071	AC
Cdc372	0.588790303	0.033319196	AC
Srsf41	0.346106022	0.034242129	AC
Pdpk11	0.274191347	0.034637352	AC
Rfng	0.607048217	0.034821752	AC
Supt4h11	0.583955445	0.034934047	AC
Mrps352	0.35057325	0.035448274	AC
Zmat2	0.561033937	0.036105005	AC
Zcchc172	0.539584063	0.036424679	AC
Ndufaf32	0.288927163	0.037214632	AC
Itpa	0.358457917	0.037875398	AC
Utp111	0.258839617	0.038013216	AC
Mrpl28	0.329761536	0.038183399	AC
Mtch12	0.977255709	0.038344293	AC
Pip5k1c1	0.491052033	0.03837653	AC
Bola31	0.839655763	0.039174123	AC
Glrx32	0.539639885	0.039358249	AC
Apc	0.284303647	0.039480716	AC
AABR07053472.1	0.416733154	0.040247604	AC
Clock1	0.327048438	0.040541556	AC
Pds5b1	0.451387576	0.041646537	AC
Ppp1r23	0.550870389	0.041959673	AC

Flot21	0.318294123	0.042084358	AC
Gabarapl24	0.887015088	0.043340428	AC
Psmc31	0.616633898	0.044027598	AC
Plekha31	0.511966738	0.044178427	AC
Osbpl2	0.2769269	0.044343653	AC
Septin73	0.88074939	0.044506423	AC
Sub13	0.857799897	0.045686907	AC
Tcerg13	0.362969835	0.0458613	AC
Nolc1	0.508025295	0.046051663	AC
Pelo	0.312965414	0.047902404	AC
Anapc111	0.578124591	0.047920053	AC
Lamtor11	0.4372241	0.048707523	AC
Ppp1r9a	0.403553845	0.049465249	AC
Mxd3	0.346018329	0.050447375	AC
Mrpl131	0.326956878	0.050455485	AC
Actr23	0.702301487	0.050513216	AC
Ccni1	0.627092241	0.051448247	AC
Aatf	0.25997046	0.051922172	AC
Pcp41	1.513449515	0.052012472	AC
Shprh	0.440243241	0.05252384	AC
Smap11	0.582312809	0.053294364	AC
Rab5b1	0.414768207	0.053839202	AC
Mesd4	0.489375511	0.056148643	AC
Zfp84	0.321320332	0.056165194	AC
Rps4y2	0.653254827	0.056320242	AC
Psm41	0.701629276	0.056525553	AC
Prelid12	0.547820749	0.056662571	AC
Rab21	0.445838144	0.056703918	AC
Aldh1a12	1.636410245	0.056908568	AC
Cir11	0.405623669	0.057421177	AC
Dnajc17	0.579527286	0.057553194	AC
Vps72	0.513112584	0.057642364	AC
Tusc32	0.464468092	0.059960981	AC
Dbi2	0.516049794	0.062869281	AC
Sirt6	0.286390709	0.063131557	AC
Fkbp1a2	0.595198984	0.063564374	AC
Fkbp42	0.72251116	0.064462171	AC
Cic1	0.320762107	0.06533958	AC
Sc5d1	0.36073998	0.066094381	AC
Trim282	0.375826192	0.067268461	AC
Clmp1	0.510559873	0.067371534	AC
Cops51	0.420013027	0.067670132	AC
Glo11	0.55162383	0.069439344	AC

Cops91	0.709742213	0.069608296	AC
Pik3ca1	0.250804656	0.070114545	AC
Ran1	0.732685815	0.070269766	AC
Otub11	0.719079588	0.070408721	AC
AABR07007032.12	0.258283684	0.070846718	AC
Bod1112	0.413329697	0.072606361	AC
Tsen34l11	0.53054082	0.072981343	AC
Map2k2	0.44667394	0.07326949	AC
Mpc22	0.428221128	0.074574913	AC
Rheb3	0.806435614	0.075365741	AC
Tsr3	0.388628497	0.075617638	AC
Rab4b2	0.586521188	0.077093277	AC
Atp5pf3	0.983446129	0.077893561	AC
Nudt32	0.390769047	0.07840543	AC
Tmx1	0.27764994	0.079083446	AC
Fkbp81	0.56360594	0.081566576	AC
Phax1	0.482746239	0.081711994	AC
RGD13117032	0.730256804	0.081848887	AC
Mrpl27	0.722718789	0.082194677	AC
Mob42	0.346664944	0.082291938	AC
Ostc3	0.424197968	0.084169382	AC
Atg3	0.352991785	0.08551708	AC
Mrpl153	0.406685264	0.086118876	AC
Egln21	0.527254324	0.087838597	AC
Samm50	0.492954519	0.087897533	AC
Sltn2	0.307110994	0.088378521	AC
Czib	0.376589024	0.089120384	AC
Arl2bp2	0.47746727	0.089593779	AC
Pou2f21	0.452308811	0.090261696	AC
Got22	0.358785511	0.091064095	AC
Mrpl181	0.343994826	0.091480228	AC
Taf6	0.259286694	0.092051679	AC
Alad1	0.257559852	0.092981624	AC
Rab2a3	0.661974316	0.093412212	AC
Ahi13	0.511489475	0.093437956	AC
Mrps7	0.385588877	0.093709217	AC
Riok1	0.338844032	0.094228723	AC
Tsn1	0.600408465	0.096088027	AC
Gaa2	0.515830475	0.096454729	AC
Kcmf1	0.464060336	0.098377139	AC
Fam162a2	0.494085273	0.099055199	AC
Rraga1	0.410079752	0.100615628	AC
Wac	0.422616482	0.101154643	AC

Pcdh191	0.620815905	0.102661583	AC
Ubr4	0.327567526	0.103459211	AC
Caprin1	0.575273196	0.10739767	AC
Crbn	0.252387066	0.107624298	AC
Naxd	0.277258355	0.107664429	AC
Gtf2b	0.281121561	0.108943129	AC
Mpnd	0.332423	0.109202185	AC
Rnps11	0.573592107	0.109682888	AC
Abhd122	0.446672185	0.109749045	AC
Hist3h2ba3	0.47025836	0.110673277	AC
Stx8	0.599847112	0.111316175	AC
Atg1011	0.431508707	0.112158405	AC
Acsl33	0.264415498	0.112939117	AC
Pum2	0.486221693	0.114343136	AC
Trir2	0.701184616	0.114588189	AC
Tex2642	0.351770403	0.11540335	AC
Erc1	0.353257511	0.118025915	AC
Tmem35a1	0.393111554	0.118527477	AC
Itgb3bp1	0.484171157	0.11948631	AC
Rangap1	0.273188551	0.120958896	AC
Slc9a6	0.421333848	0.121809284	AC
Exoc6b	0.346986167	0.122391517	AC
Yae1	0.274010761	0.124564867	AC
Ensa2	0.554523901	0.127801695	AC
Ssbp32	0.406273001	0.12815508	AC
Armcx2	0.259357429	0.130385694	AC
Ube2v23	0.564678981	0.130703934	AC
Dnajc24	0.254701976	0.131283426	AC
Hipk13	0.391647434	0.132223026	AC
Commd10	0.359068773	0.132890309	AC
Sys1	0.405801715	0.133701813	AC
Ift20	0.62026925	0.134293169	AC
Pqbp12	0.277196033	0.137764546	AC
Nudt16	0.324718584	0.140029742	AC
Tpgs11	0.519820447	0.143162297	AC
Ei24	0.360486684	0.145160466	AC
Camlg1	0.306928914	0.149658252	AC
Eftud2	0.319489334	0.149905245	AC
Slc35b11	0.342046683	0.151900903	AC
Skp13	0.928376455	0.153243788	AC
Stip11	0.38599939	0.153683683	AC
Smdt11	0.274656292	0.159772917	AC
Eif2b31	0.323060189	0.161875714	AC

Tubb4b4	0.596116663	0.162785981	AC
Hars1	0.259332962	0.166060495	AC
LOC100363116	0.26469669	0.166216824	AC
Pld32	0.569656723	0.169108585	AC
Ublcp12	0.345068035	0.170332448	AC
Sar1b4	0.338342341	0.170616618	AC
Mageh11	0.383011729	0.172402642	AC
Pin42	0.418173249	0.173777238	AC
AABR07044711.13	0.521381864	0.174247191	AC
Mettl51	0.26012659	0.176432936	AC
Vac14	0.255933128	0.176914841	AC
Pdcd43	0.578664862	0.179370114	AC
Cox7b2	0.86811857	0.179760968	AC
Thoc72	0.602329291	0.181577147	AC
Ypel32	0.686622324	0.182250688	AC
Faf22	0.401909665	0.183291288	AC
Gtf2h53	0.616181632	0.184518916	AC
Wdr18	0.40267217	0.185974635	AC
Uqrc22	0.383883177	0.189346254	AC
Naa201	0.451773995	0.190420544	AC
Pik3ip11	0.30558073	0.192395006	AC
Mrpl551	0.328548175	0.194917668	AC
Ndufa31	0.682700705	0.195692681	AC
Tmem1602	0.580286595	0.195825395	AC
Hs3st1	0.313561924	0.201346836	AC
Atad11	0.313040002	0.20346349	AC
Igbp1	0.286776525	0.207006982	AC
Stx6	0.285512129	0.207454924	AC
Psmal	0.435126191	0.209219204	AC
Cadm12	0.299323352	0.212190864	AC
Aamp1	0.589313077	0.212224916	AC
Ccdc1243	0.478640809	0.222485521	AC
Timm133	0.670924937	0.223516206	AC
Fbxo6	0.324237813	0.233486514	AC
Psmd7	0.464251483	0.234399903	AC
Irs2	0.287417553	0.235089328	AC
Rabac11	0.883820726	0.235733721	AC
Fbxw21	0.303318655	0.238338338	AC
Tbca2	0.656454148	0.239660574	AC
Nucks11	0.666685535	0.239895892	AC
Gbf1	0.279881495	0.241225749	AC
Ndufaf81	0.404913354	0.243316158	AC
Rnasek	0.384742744	0.243956878	AC

Arid4a1	0.427556322	0.244348146	AC
Lrif11	0.314467178	0.247395517	AC
Eif3j	0.554993015	0.249304502	AC
Rbm181	0.27329335	0.254451626	AC
Morf4l13	0.760977647	0.25991207	AC
Adrm1	0.422724179	0.260584163	AC
Pcp4l1	0.427298748	0.27217324	AC
Ndufa112	0.675325684	0.277227724	AC
Gripap12	0.48244764	0.280565261	AC
Rhobtb3	0.254413637	0.281538164	AC
Bub3	0.347486661	0.282256902	AC
Mkks2	0.289761876	0.282770722	AC
Pgp2	0.5436789	0.283564136	AC
Asmtl2	0.442367492	0.283756081	AC
Cox173	0.829554113	0.285640498	AC
Ufc1	0.399074596	0.286428885	AC
Prpf191	0.332893897	0.290350287	AC
Fibp	0.319436923	0.296829024	AC
Zcchc92	0.329764514	0.300489395	AC
Paxx3	0.272718454	0.303472712	AC
Epm2aip13	0.258395368	0.309305592	AC
Lars12	0.31729108	0.311711427	AC
Zc3h153	0.473013714	0.321109187	AC
Eif51	0.677558055	0.325838087	AC
Hnrnph2	0.335564444	0.330036343	AC
Mrps152	0.537481489	0.331129508	AC
RGD1311745	0.254193342	0.336979076	AC
Psm81	0.49430004	0.337468637	AC
Ndufs71	0.673927544	0.345884713	AC
Sf3b5	0.517051572	0.352809658	AC
Gnb24	0.764501225	0.355046407	AC
Atp2a22	0.403410114	0.360612049	AC
Tmem223	0.442737241	0.360690155	AC
Kat2a	0.251030467	0.373285135	AC
Agap12	0.332569458	0.376683217	AC
Ptpn111	0.27601765	0.381831925	AC
Hdlbp1	0.605355799	0.392209689	AC
Ttc19	0.380194765	0.401823075	AC
Ttc12	0.398835414	0.403218126	AC
Dync1li21	0.312977812	0.411762943	AC
Lrpap12	0.336170132	0.417127564	AC
Dbnl2	0.268678033	0.419448864	AC
Sart1	0.288926531	0.424145472	AC

Umps	0.397403594	0.429328673	AC
Acadsb	0.355055103	0.442898639	AC
Cask	0.265993383	0.443240239	AC
Klhl22	0.262945148	0.447383027	AC
Amn1	0.345013605	0.447887161	AC
Ccdc112	0.443811464	0.452379758	AC
Psma5	0.538189241	0.453493181	AC
Cct72	0.541844687	0.458053075	AC
Klc2	0.401135479	0.459260347	AC
Fis12	0.776961812	0.476032343	AC
Ptov11	0.555944178	0.485944539	AC
Cdk16	0.323784397	0.486544604	AC
Mocs22	0.330831303	0.486657265	AC
Atp6v1g14	0.627731361	0.490631662	AC
Stl31	0.52154972	0.495689989	AC
Glod43	0.507595037	0.503044525	AC
Etf1	0.269968635	0.505028588	AC
Ppp1r9b3	0.298068226	0.507223387	AC
Cox5b2	0.796936257	0.512168107	AC
Atp5pd2	0.75781978	0.513887747	AC
Jagn1	0.387261695	0.522770944	AC
Cox7c3	0.793410827	0.527302348	AC
Lmo42	0.937910078	0.528483129	AC
Grsf1	0.318208411	0.535605421	AC
Taf1d4	0.390671283	0.541922007	AC
Arhgap1	0.394841776	0.542196701	AC
Ccdc97	0.33727628	0.545768896	AC
Tomm202	0.620537098	0.550019129	AC
Brd71	0.419870617	0.560335699	AC
Psmd1	0.458990798	0.56162484	AC
Gtf2a11	0.251578679	0.563611793	AC
Erlec12	0.577519601	0.570058272	AC
Fundc12	0.386773588	0.586516068	AC
Commd12	0.304985407	0.589135931	AC
Cisd23	0.525247228	0.594359833	AC
Lsm3	0.311907294	0.59784832	AC
Chordc1	0.339386963	0.601238066	AC
Ndufa52	0.662598627	0.604876906	AC
Fabp52	1.110059305	0.611161093	AC
Mospd3	0.318987402	0.613480388	AC
Cct6a3	0.432843895	0.620105038	AC
Edf14	0.737908819	0.625442902	AC
Yipf3	0.250349034	0.632435376	AC

Fbxo33	0.304442422	0.640552783	AC
Macroh2a15	0.55803922	0.645086234	AC
Arfrp1	0.25560311	0.653909891	AC
Sdhc2	0.487247954	0.677673322	AC
Med312	0.275424809	0.689588121	AC
Trappc53	0.259105971	0.692665127	AC
Tceal83	0.356283902	0.698049943	AC
Rala	0.257800275	0.701590734	AC
Pmepa13	0.886720774	0.705703423	AC
Tomm51	0.380215469	0.711347188	AC
Mrps282	0.299380962	0.720200397	AC
Hspa12a2	0.495891524	0.723910821	AC
Echdc1	0.314078728	0.727566339	AC
Cul32	0.392249285	0.733773644	AC
Bptf2	0.494029939	0.748947884	AC
Pitpna1	0.515846796	0.759836194	AC
Chmp53	0.646383114	0.764259766	AC
Iscu3	0.726558675	0.766640667	AC
Ppa12	0.460189453	0.768814203	AC
Nabp22	0.343307536	0.777068979	AC
Ociad12	0.285575649	0.789554955	AC
Macroh2a21	0.288610548	0.803806579	AC
RGD13071002	0.405687844	0.803960836	AC
Cpe3	0.525997329	0.806016903	AC
Polr2f2	0.57515672	0.806966676	AC
Sart3	0.268131447	0.813800489	AC
Ndufa132	0.693899098	0.814536698	AC
Pfdn62	0.511061349	0.82984818	AC
Scd23	0.575458091	0.836373307	AC
Tceal92	0.649803108	0.842238571	AC
Lsm71	0.345989961	0.856137957	AC
Psma62	0.631418911	0.863351872	AC
Myl12b3	0.754616406	0.874649738	AC
Sec624	0.788054957	0.877933591	AC
Lrrc59	0.286385947	0.882365963	AC
Psmb62	0.417289629	0.885910251	AC
Csnk2a13	0.402213584	0.910839694	AC
Denr	0.553805742	0.924630857	AC
Mcts11	0.344487678	0.935342232	AC
Dcaf71	0.441173835	0.957260421	AC
Dctn22	0.406810421	0.959844682	AC
Zfhx31	0.499000989	0.97134985	AC
Ddx27	0.307718965	0.972987799	AC

Pitpnm22	0.303668216	0.974217874	AC
Rab141	0.78635202	0.986875288	AC
Eid12	0.676183093	0.999398436	AC
Ndufb42	0.889685844	1	AC
Pnkd3	0.331030266	1	AC
Dut	0.311656363	1	AC
Atp6ap11	0.397464575	1	AC
Hikeshi3	0.377601857	1	AC
Eeflakmt1	0.292897956	1	AC
Ciao2b1	0.41990792	1	AC
Smc1a1	0.396372573	1	AC
Emc63	0.32047185	1	AC
Prickle21	0.355438829	1	AC
Ndufb93	0.617411599	1	AC
Pop42	0.416494448	1	AC
Usp36	0.260744668	1	AC
Zmym2	0.277999542	1	AC
Ube2e33	0.636660816	1	AC
Ube2k1	0.459441232	1	AC
Cox4i13	0.705003967	1	AC
Hacd32	0.627010557	1	AC
Man1c11	0.462150453	1	AC
Rfc12	0.347142436	1	AC
Adprh2	0.284666911	1	AC
Mitd1	0.320635681	1	AC
Psm131	0.437113316	1	AC
Tuba1b4	1.143945672	1	AC
Foxn31	0.658185491	1	AC
Lage31	0.404223664	1	AC
Synj2bp	0.296272471	1	AC
Hyi	0.324227462	1	AC
Lypla22	0.373234228	1	AC
Tsc22d12	0.900396062	1	AC
Strn4	0.273822616	1	AC
Ap2m11	0.635571294	1	AC
LOC108351137.13	0.865709161	1	AC
Cope2	0.611711332	1	AC
Ahsa11	0.322355286	1	AC
Cbx1	0.3048312	1	AC
RGD15663592	0.408748634	1	AC
Zeb23	0.498751511	1	AC
Pea154	0.564254129	1	AC
Rprd1b1	0.271251747	1	AC

Exoc31	0.254309981	1	AC
Psmc12	0.401630596	1	AC
Rtf11	0.2684966	1	AC
Sptbn13	0.335682843	1	AC
LOC1003614575	0.710355979	1	AC
Commd71	0.448067015	1	AC
Srp191	0.327393114	1	AC
Tada1	0.284551541	1	AC
Specc11	0.384841598	1	AC
Chchd12	0.284719225	1	AC
Txn11	0.315089326	1	AC
Eif4a21	0.538680038	1	AC
Dcaf5	0.27298191	1	AC
Hdgf	0.383147875	1	AC
Psma22	0.531835687	1	AC
Ppp1cb	0.299250368	1	AC
Uqerc12	0.558893033	1	AC
Arf53	0.673669861	1	AC
Vdac23	0.835582236	1	AC
Sptan12	0.69188552	1	AC
Ube2s	0.505002815	1	AC
Mtx1	0.258770245	1	AC
Mrps121	0.34217278	1	AC
Cwc153	0.39404523	1	AC
Dhx361	0.305780799	1	AC
Filip113	0.630503591	1	AC
Cox6b12	0.695130564	1	AC
Casc43	0.307046113	1	AC
Uqcrfs13	0.435340355	1	AC
Smim142	0.398899869	1	AC
Tmbim43	0.298227994	1	AC
Gng102	0.380411004	1	AC
RGD15599093	0.396161282	1	AC
Tufm	0.488434533	1	AC
Get31	0.409978087	1	AC
Yipf41	0.259054231	1	AC
Smarca22	0.336368942	1	AC
B4galt3	0.285674925	1	AC
Rbm14	0.37857186	1	AC
Scol	0.253562296	1	AC
Prkci	0.272249658	1	AC
Arl1	0.291276575	1	AC
Npm13	0.690744557	1	AC

Commd32	0.316216085	1	AC
Imp33	0.360873149	1	AC
Sh2b1	0.259325429	1	AC
Rnh12	0.317656911	1	AC
Napa3	0.277290158	1	AC
Psmc12	0.568262373	1	AC
Ptpn23	0.338764625	1	AC
Ubxn13	0.513945138	1	AC
Zmiz12	0.617460197	1	AC
Gpsm32	0.394212318	1	AC
Sppl3	0.285408063	1	AC
Khdrbs31	0.473843421	1	AC
Ddx13	0.529950807	1	AC
Mrpl573	0.367527156	1	AC
Dlst	0.302380338	1	AC
Ndufb72	0.833240303	1	AC
Gstk1	0.302623725	1	AC
Adnp3	0.271909136	1	AC
Rtraf3	0.298725462	1	AC
Arl6ip54	0.442828597	1	AC
LOC1083511373	0.700000344	1	AC
Slc23a2	0.287435201	1	AC
Atp5mg3	0.604211282	1	AC
Cox7a2l22	0.698747483	1	AC
Timm17a1	0.273514649	1	AC
Cdk192	0.256215388	1	AC
Hypk2	0.282663866	1	AC
Med25	0.334920969	1	AC
Nop103	0.483698484	1	AC
Eif3k2	0.431180796	1	AC
Ttyh31	0.29765364	1	AC
C1qbp1	0.342001185	1	AC
Sem12	0.575382788	1	AC
Eef1b22	0.604073954	1	AC
Sh3kbp12	0.390246525	1	AC
Ndufb113	0.613725537	1	AC
LOC100912564.11	0.420850312	1	AC
Ctdp1	0.276574188	1	AC
Swi51	0.546937991	1	AC
Wdr83os1	0.432056621	1	AC
Nop163	0.553076085	1	AC
Ddt4	0.296572981	1	AC
Ubtfl	0.38441695	1	AC

Nap1l12	0.80809488	1	AC
Chd43	0.617937887	1	AC
Arhgap321	0.288763746	1	AC
Huwe1	0.275740615	1	AC
Nme32	0.25654753	1	AC
Elof11	0.337554636	1	AC
Dst4	0.392099042	1	AC
Ggnbp2	0.281775616	1	AC
Ogfod3	0.4123449	1	AC
Gba	0.256330577	1	AC
Micos101	0.622697413	1	AC
Ppdpf5	0.400125913	1	AC
Ckap43	0.269639576	1	AC
Ube2l31	0.294810311	1	AC
Atp5f1d2	0.691371582	1	AC
Ndufa122	0.467596982	1	AC
Acin1	0.331399985	1	AC
Hspa131	0.556357088	1	AC
Dbp4	0.58958447	1	AC
Slc25a32	0.694854114	1	AC
Bad1	0.366703578	1	AC
Uqcrq2	0.714926874	1	AC
Akt11	0.311601829	1	AC
Gtf2i2	0.303345746	1	AC
Eif4b2	0.269180119	1	AC
Vps281	0.352513018	1	AC
Pgm2	0.292509789	1	AC
Cltc2	0.596710044	1	AC
LOC1036934302	0.521190962	1	AC
Slc25a11	0.276996159	1	AC
Akr1a14	0.657690133	1	AC
Tomm72	0.448850028	1	AC
Fh1	0.267774513	1	AC
Camk11	0.400491931	1	AC
Dnajb11	0.428753738	1	AC
Arpc5l2	0.319921973	1	AC
Hyou1	0.313954324	1	AC
Bsg3	0.484718008	1	AC
Atp5mf2	0.63496615	1	AC
Ubqln1	0.30643682	1	AC
Ndufb102	0.589946839	1	AC
Mrpl202	0.343415803	1	AC
LOC1003610251	0.25600471	1	AC

Eif2s2	0.42567236	1	AC
Ywhaz3	0.761834395	1	AC
LOC1003624321	0.323791589	1	AC
Zfp422	0.349469027	1	AC
LOC1009109443	0.47096286	1	AC
Rab1a1	0.304195591	1	AC
Psenen1	0.401421677	1	AC
Senp3	0.266997521	1	AC
Psmb41	0.363734974	1	AC
Mdh23	0.391288497	1	AC
LOC1036899611	0.783325161	1	AC
Marchf5	0.278726846	1	AC
Alyref	0.25614522	1	AC
Rps6ka4	0.652549245	1	AC
Spop2	0.26048273	1	AC
Psma41	0.356056244	1	AC
Mrpl523	0.349426162	1	AC
Rpl22l12	0.493878901	1	AC
Tubb51	0.868848719	1	AC
Cox8a3	0.596323318	1	AC
Nol72	0.435399936	1	AC
Hp1bp32	0.353140838	1	AC
Zc3h132	0.496514884	1	AC
Psma72	0.469213089	1	AC
Ilf31	0.292227318	1	AC
Capzb3	0.285756178	1	AC
Rnf72	0.363054647	1	AC
Glg12	0.260859294	1	AC
Unc13b1	0.984424535	1	AC
Atp5po2	0.693700519	1	AC
Phf23	0.263837073	1	AC
Ndufs42	0.354064473	1	AC
Hivep2	0.306181616	1	AC
Dlgap4	0.271507851	1	AC
Marcks5	0.627071437	1	AC
Erp293	0.257706887	1	AC
Blvra1	0.276879964	1	AC
Selenom3	0.403534146	1	AC
Vcan1	0.294683237	1	AC
Efnb21	0.991044048	1	AC
Psmb73	0.32226286	1	AC
Use11	0.265833039	1	AC
Psmb34	0.439140631	1	AC

Kmt2a3	0.291071165	1	AC
Csnk2b1	0.419264133	1	AC
Ndufa72	0.384852199	1	AC
Afg3l2	0.404443273	1	AC
LOC1083480623	0.301812971	1	AC
Hnrnpa14	0.377945278	1	AC
Ddx421	0.394887844	1	AC
Eno14	0.473740509	1	AC
Eif3c1	0.331686517	1	AC
Tmem14c4	0.276595014	1	AC
Nudt45	0.360489713	1	AC
Arl8b1	0.260102294	1	AC
Eloc2	0.369273077	1	AC
Prox11	0.772096894	1	AC
Zfp913	0.366847876	1	AC
Armxcx31	0.267588884	1	AC
Bcap312	0.300204458	1	AC
Aff43	0.410902065	1	AC
Cct41	0.285153803	1	AC
Phb2	0.488718965	1	AC
Ubl52	0.38698031	1	AC
Atrx.12	0.48518804	1	AC
Uqcrb.13	0.471189548	1	AC
Ndufa22	0.423162309	1	AC
Chd63	0.301315546	1	AC
Runx1t11	1.490322897	1	AC
Gfpt11	0.413903416	1	AC
Polr2g2	0.256211055	1	AC
Atp5fle4	0.574877171	1	AC
Cox7a2l3	0.477639197	1	AC
Cuta1	0.357463957	1	AC
Abcf11	0.2637981	1	AC
Dnaja11	0.327597764	1	AC
Rpp214	0.320447532	1	AC
Ubap2l1	0.342725468	1	AC
Tmed31	0.250339792	1	AC
Clint12	0.38810602	1	AC
Terf1	0.373884923	1	AC
Uqcr102	0.4092666	1	AC
Hspe1	0.359347926	1	AC
Naa382	0.37767429	1	AC
Sec61g3	0.387598105	1	AC
Sdhb2	0.25071295	1	AC

Grb22	0.395600624	1	AC
Tjp11	0.36780827	1	AC
Zbed52	0.390602845	1	AC
Cct53	0.25516872	1	AC
AABR07019086.12	0.319311153	1	AC
Hnrnpd2	0.272588607	1	AC
Eif5a4	0.428882383	1	AC
Erh3	0.445606195	1	AC
LOC100910046	0.348051784	1	AC
Strap	0.283915345	1	AC
LOC100909912	0.285842084	1	AC
Nab2	0.378103037	1	AC
Cstb3	0.407015478	1	AC
Brk14	0.385275835	1	AC
Paip23	0.29203586	1	AC
Lamtor21	0.413537367	1	AC
Vcp1	0.347663627	1	AC
Ccdc22	0.260856241	1	AC
Ift46	0.340218788	1	AC
Sptlc1	0.255338718	1	AC
Bloc1s12	0.257922396	1	AC
Ncl3	0.337177401	1	AC
Zfp7061	0.273310795	1	AC
Sf3b22	0.354335689	1	AC
Ptges31	0.283938864	1	AC
Cox6a13	0.427008264	1	AC
Atp5mc23	0.374461446	1	AC
Atp5mc12	0.573659757	1	AC
Lamtor43	0.268133786	1	AC
Myl65	0.36609194	1	AC
Zc3h7b	0.28303247	1	AC
Septin113	0.259260281	1	AC
Spes22	0.259136366	1	AC
Hif1a2	0.53055249	1	AC
Zfp2191	0.267690631	1	AC
Capza23	0.2805721	1	AC
Pfdn13	0.273648418	1	AC
Mt-nd52	0.321289619	1	AC
Pfdn5	0.251484885	1	AC
Esrrg1	0.990809397	1	AC